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A GENERAL
SYSTEM OF NATURE.

VOL. II.

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A GENERAL
SYSTEM OF NATURE,
THROUGH THE
THREE GRAND KINGDOMS
OF
ANIMALS, VEGETABLES, AND MINERALS,
SYSTEMATICALLY DIVIDED
INTO THEIR SEVERAL
CLASSES, ORDERS, GENERA, SPECIES, AND VARIETIES,
WITH THEIR
HABITATIONS, MANNERS, ECONOMY, STRUCTURE,
AND PECULIARITIES.

BY SIR CHARLES LINNÉ:

Translated from GMELIN, FABRICIUS, WILLDENOW, &c.

TOGETHER WITH

Various Modern Arrangements and Corrections, derived from the
Transactions of the Linnean and other Societies, as well as from the Classical
Works of Shaw, Thornton, Abbot, Donovan, Sowerby, Latham, Dillwyn,
Lewin, Martyn, Andrews, Lambert, &c. &c.

WITH A LIFE OF LINNÉ,

Appropriate Copper-plates, and a Dictionary explanatory of the Terms which
occur in the several Departments of Natural History,

BY WILLIAM TURTON, M. D.

Fellow of the Linnean Society, Author of the Medical Glossary, &c. &c.

IN SEVEN VOLUMES.

Animal Kingdom.--VOL. II.
INSECTS.--Part I.

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CLASS V.

INSECTS.

THIS very numerous and various class consists of small animals, breathing through lateral spiracles, armed on all sides with a bony skin, or covered with hair; furnished with many feet, and moveable antennæ or horns, which project from the head, and are the probable instruments of sensation.

They are destitute of external *nostrils* and *ears*, though some of them evidently enjoy the senses of hearing and smell.

The *eyes* are usually 2, sometimes more, without eyelids, and rarely placed on a moveable peduncle.

The 2 *antennæ* are placed on the head, usually before the eyes, are composed of an indefinite number of articulations, and convey an unknown sensation, probably that of the touch.

The *feelers* are sensorial, moveable, affixed to the mouth, generally 4, sometimes 2 or 6, and consist of 2, 4 or 3 joints.

The *mouth* is generally placed beneath the head, sometimes in the breast, and in a few is wanting: the *jaws* are transverse and moveable laterally.

The *stigmata* are 3 shining convex spots placed on the crown.

The *trunk* is placed between the head and abdomen, supported by the feet, with the *thorax* above, behind which is the *scutel* or *escutcheon*, and the *sternum* and *breast* beneath.

The *abdomen* is usually annulate with 5 segments, perforated at the sides with 5 spiracles or breathing holes, with the *back* above, the *belly* beneath, and is terminated by the *tail*, which is sometimes armed with a sting.

The *wings* are 2 or 4, the upper ones are often crustaceous shells, covering the lower; sometimes semicrustaceous wing cases, or of a substance between the membranaceous wings and crustaceous shells.

The *legs* consist of 3 distinct divisions, the thighs, shanks, and tarsi which are articulate and terminated by nails; some have a *hand*, or chelate kind of claw with a moveable thumb.

The *poisers* are composed of a head affixed to a small pedicle, and placed under the wings of the dipterous order, or such as have only 2 wings.

The *sex* is male and female, or neuter devoted to labour for those of the more perfect sex.

Most of them undergo a triple *metamorphosis* or transformation, effected by casting off the different coats or coverings in which the perfect insect is inclosed. The *egg* is first excluded by the female, and contains the insect in its smallest state; from the egg is produced the *larva*, grub, or caterpillar, of a moist soft substance, without wings, slow in motion, often with numerous feet, sometimes with none, sterile, and very voracious of its proper food: from this state it passes into that of the *pupa*, chrysalis or nymph which is drier and harder than the last, confined in a narrow compass, naked or inclosed in a web, often without a mouth; and sometimes with, sometimes without feet: escaping from this last confinement it becomes the perfect active *insect*, furnished with antennæ.

They are mute, except such as are furnished with some proper instrument of sound, distinct from the mouth; and probably deaf, though most of them are sensible of the vibrations of the air; are more numerous than the species of plants, yet on account of their greater range seem fewer; are of all animals the least, and except the aquatic ones and a few others, are annual: they become subservient to the purposes of nature, by preserving a due proportion among plants, by consuming whatever is superfluous, dead or decayed, and lastly by contributing to the nourishment of other animals, especially birds.

They are said to inhabit those plants on which they feed, and not those on which they are occasionally found; and their trivial names are best taken from their habitations, that the study of Entomology may serve to elucidate the views and the policy of nature.

They are divided into 7 *Orders*.

- | | |
|-------------------|--|
| I. COLEOPTERA. | <i>Wings</i> 4; the upper crustaceous with a straight suture. |
| II. HEMIPTERA. | <i>Wings</i> 4; the upper semicrustaceous, incumbent. |
| III. LEPIDOPTERA. | <i>Wings</i> 4; all of them membranaceous, and imbricate with fine scales. |
| IV. NEUROPTERA. | <i>Wings</i> 4; all of them membranaceous, reticulate: tail unarmed. |
| V. HYMENOPTERA. | <i>Wings</i> 4; all of them membranaceous: tail armed with a sting. |
| VI. DIPTERA. | <i>Wings</i> 2, with a poiser under each. |
| VII. APTERA. | <i>Wings</i> 0 in either sex. |

EXPLA-

EXPLANATION of the PLATE.

- Fig. 1. Antennæ pectinate or feathered, as in moths.
 Fig. 2. Antennæ perfoliate.
 Fig. 3. Antennæ lamellate, or divided into laminæ.
 Fig. 4. Antennæ clavate, or ending in a knob.
 Fig. 5. Antennæ moniliform or beaded.
 Fig. 6. Antennæ setaceous or bristly.
 Fig. 7. Antennæ aristate, or furnished with a lateral hair.
 Fig. 8. 9. *a.* The head. *b.* Feelers. *c.* Antennæ or horns. *d.* Eyes.
e. Thorax. *f.* Scutel. *g.* Breast. *h.* Sternum. *i.* Abdomen
 and its segments. *k.* Tail. *l.* Shells. *m.* Membranaceous
 under wings. *n.* Legs ciliate or formed for swimming.
 Fig. 10. *o.* Thigh. *p.* Shank or leg. *q.* Tarsus or foot. *r.* Claw.
 Fig. 11. *a.* Anterior part of the wing. *b.* Posterior. *c.* Exterior.
d. Interior. *e.* Margin. *f.* Disk. *g.* Ocellate or eye-like
 spot. *h.* tail or process at the end of the wing.
 Fig. 12. Insects in the egg state.
 Fig. 13. Pupa chrysalis or nymph.
 Fig. 14. Larva, grub or caterpillar.
 Fig. 15. A coleopterous insect. *a.* Shells or crustaceous wings.
b. membranaceous or under wings.
 Fig. 16. An hemipterous insect. *a.* Semicrustaceous wing-cases.
b. under membranaceous wings.
 Fig. 17. A lepidopterous insect with ocellate spots on the wings,
 the centre of which is the *pupil*, and the ring surrounding
 it the *iris*.
 Fig. 18. A neuropterous insect. *a.* Wings reticulate or veined.
b. bristles at the end of the tail.
 Fig. 19. An hymenopterous insect.
 Fig. 20. A dipterous insect.
 Fig. 21. An apterous insect. *a.* A chelate foot or claw.

CHARACTERS of INSECTS.

I. COLEOPTERA. *Upper wings crustaceous.*A. *Antennæ clavate, thicker towards the tip.*a. *Club lamellate.*

1. SCARABÆUS. Fore-shanks toothed.

2. *Lucanus.* Two palpigerous tufts under the lip.5. *Synodendron.* Jaw 1-toothed: lip filiform, palpigerous.b. *Club perfoliate.*3. *Dermeestes.* Head inflected under the thorax which is slightly margined.6. *Melyris.* Lip clavate, emarginate.10. *Byrrhus.* Lip extended, bifid.12. *Silpha.* Thorax and shells margined.15. *Tritoma.* Anterior feelers hatchet-shaped.45. *Hydrophilus.* Feelers filiform: jaw bifid, horny.16. *Tetratoma.* Feelers unequal: jaw bifid, membranaceous.c. *Club solid or inflated.*8. *Hister.* Head retractile within the thorax.4. *Bostrichus.* Head inflected under the thorax which is slightly margined.11. *Anthrenus.* Jaw bifid.13. *Nitidula.* Thorax and shells margined.18. *Coccinella.* Anterior feelers hatchet-shaped.29. *Curculio.* Snout elongated, horny.24. *Pausus.* Antennæ 2-jointed, the club hooked and inflated.B. *Antennæ moniliform.*28. *Brentus.* Snout elongated, horny, straight.31. *Attelabus.* Snout elongated, incurved.51. *Erodus.* Lip horny, emarginate.55. *Staphylinus.*

55. *Staphylinus*. Shells half the length of the body, covering the wings: above the tail 2 exsertile vesicles.
25. *Zygia*. Lip elongated, membranaceous.
53. *Meloe*. Thorax rounded: head gibbous, inflected.
48. *Tenebrio*. Thorax margined: head exserted: body oblong.
17. *Cassida*. Body ovate: shells margined: head covered with a shield.
14. *Opatrum*. Thorax and shield margined.
54. *Mordella*. Laminæ at the base of the abdomen: head inflected.
20. *Chrysomela*. Body ovate, immarginate.
38. *Horia*. Feelers unequal: jaw bifid: lip rounded.

C. *Antennæ filiform.*

27. *Apalus*. Thorax roundish: head gibbous, inflected.
50. *Manticora*. Jaws exserted, toothed: eyes rather prominent.
49. *Pimelia*. Thorax margined: head exserted: body oblong.
9. *Gyrinus*. Antennæ a little rigid: eyes 4.
39. *Cucujus*. Lip short, bifid, the divisions distant.
21. *Cryptocephalus*. Body ovate, immarginate.
23. *Bruchus*. Antennæ growing larger towards the tip.
7. *Ptinus*. Thorax receiving the head: last joints of the antennæ longer.
22. *Hispa*. Antennæ stretched forward, approximate, fusiform.
44. *Buprestis*. Head partly retracted within the thorax.
36. *Necydalis*. Shells half as long as the body: wings naked.
37. *Lampyrus*. Shells flexile: thorax surrounding and concealing the head.
40. *Cantharis*. Shells flexile: sides of the abdomen edged with folded papillæ.
32. *Notoxus*. Lip bifid; the divisions connivent, obtuse.
42. *Elater*. A pectoral spine springing from an abdominal pore.
34. *Calopus*. Thorax spinous or gibbous at the sides.
19. *Alurnus*. Jaw arched: feelers 6.

47. *Garabus*.

47. *Carabus*. Thorax obcordate, truncate behind.
 52. *Lytta*. Thorax roundish : head gibbous, inflected.
- D. *Antennæ setaceous*.
41. *Serropalpus*. Anterior feelers deeply ferrate.
 33. *Cerambyx*. Thorax spinous or gibbous at the sides.
 35. *Leptura*. Shells tapering towards the tip : thorax roundish.
 30. *Rhinomacer*. Antennæ seated on the snout.
 26. *Zonitis*. Lip emarginate.
 43. *Cucindela*. Jaws exerted, toothed : eyes a little prominent.
 46. *Dytiscus*. Hind-legs fringed, formed for swimming.
 56. *Forficula*. Shells half as long as the body : wings covered : tail forked.

II. HEMIPTERA. *Shells semicrustaceous*.

57. *Blatta*. Mouth armed with jaws : wings coriaceous, plane : legs formed for running.
 58. *Pneumora*. Mouth armed with jaws : wings membranaceous, deflected : legs formed for running.
 59. *Mantis*. Mouth armed with jaws : fore-feet ferrate, the claw single.
 60. *Gryllus*. Mouth armed with jaws : hind-legs formed for leaping.
 61. *Fulgora*. Snout inflected : front projecting, inflated : antennæ capitate.
 62. *Cicada*. Snout inflected : hind-legs formed for leaping.
 63. *Notonecta*. Snout inflected : hind-legs ciliate within.
 64. *Nepa*. Snout inflected : fore-legs cheliform.
 65. *Cimex*. Snout inflected : legs formed for running : antennæ longer than the thorax.
 66. *Macrocephalus*. Snout inflected : antennæ very short.
 67. *Aphis*. Snout inflected : abdomen 2-horned.
 68. *Chermes*. Snout placed in the breast : hind-legs formed for leaping.
 69. *Coccus*. Snout placed in the breast : abdomen (in the males) terminating in bristles.
 70. *Thrips*. Snout obsolete : wings incumbent on the abdomen which is reflexile.

III. LEPI-

III. LEPIDOPTERA. *Wings imbricate with scales.*

71. *Papilio.* Antennæ thicker towards the tip.
 72. *Pybina.* Antennæ thicker in the middle.
 73. *Phalaena.* Antennæ thicker towards the base.

IV. NEUROPTERA. *Wings reticulate: tail unarmed.*

74. *Libellula.* Tail forked: mouth with many jaws: wings expanded.
 75. *Ephemera.* Tail with 2-3 bristles: mouth without teeth: wings erect.
 78. *Myrmeleon.* Tail forked: mouth 2-toothed: wings deflected.
 76. *Phryganea.* Tail simple: mouth without teeth: wings deflected.
 77. *Hemerobius.* Tail simple: mouth 2-toothed: wings deflected.
 79. *Panorpa.* Tail chelate: mouth with an extended snout: wings incumbent.
 80. *Raphidia.* Tail ending in a single thread: mouth 2-toothed: wings deflected.

V. HYMENOPTERA. *Tail armed with a sting.*

81. *Cynips.* Sting spiral.
 82. *Tenthredo.* Sting ferrate, 2-valved.
 83. *Sirex.* Sting ferrate, projecting from a spine under the abdomen.
 84. *Ichneumon.* Sting exerted, triple.
 85. *Sphex.* Sting pungent: wings smooth: tongue flat, dilated, nearly entire at the end.
 86. *Ammophila.* Sting pungent: wings smooth: tongue inflected, bifid.
 87. *Scolia.* Tongue inflected, trifid: lip membranaceous at the end.
 88. *Thynnus.* Tongue very short, involute: lip trifid.
 89. *Leucopsis.* Lip longer than the jaw, notched: antennæ clavate.
 90. *Tiphia.* Lip short, horny, 3-toothed.
 91. *Chalcis.* Antennæ short, cylindrical, fusiform.
 92. *Chrysis.* Sting pungent: abdomen arched beneath.

93. *Vespa*. Sting pungent : upper wings folded.
 94. *Apis*. Sting pungent : tongue inflected.
 95. *Formica*. Sting obsolete : neuters without wings.
 96. *Mutilla*. Sting pungent : neuters without wings.

VI. DIPTERA. *Wings 2.*

A. *With proboscis and sucker.*

99. *Diopfis*. Head 2-horned : eyes terminal.
 98. *Tipula*. Sucker without a sheath : feelers 2, projecting, filiform.
 100. *Musca*. Sucker without a sheath, furnished with bristles.
 101. *Tabanus*. Sucker with a single-valved sheath, furnished with bristles.
 103. *Empis*. Proboscis inflected.
 105. *Conops*. Proboscis projecting, geniculate.

B. *With sucker, but no proboscis.*

97. *Oestrus*. Sucker retracted within the perforated lips.
 106. *Asilus*. Sucker straight, 2-valved, gibbous at the base.
 104. *Stomoxys*. Sucker with a single valved convolute sheath, geniculate at the base.
 102. *Culex*. Sheath exerted, 1-valved, flexile, with 5 bristles.
 107. *Bombylus*. Sucker very long, straight, setaceous, 2-valved.
 108. *Hippobosca*. Sucker short, cylindrical, straight, 2-valved.

VII. APTERA. *Wings 0.*

A. *Legs 6: head distinct from the thorax.*

109. *Lepisma*. Tail ending in setaceous bristles.
 110. *Podura*. Tail forked, inflected, elastic.
 111. *Termes*. Mouth with 2 jaws : lip horny, 4-cleft.
 112. *Pediculus*. Mouth armed with an exsertile sting.
 113. *Pulex*. Snout inflected, armed with a sting : feet formed for leaping.

B. *Legs*

B. *Legs 8-14: head and thorax united.*

114. *Acarus.* Eyes 2: legs 8: feelers compressed.
 115. *Hydrachna.* Eyes 2-8: legs 8: abdomen with textorial papillæ.
 117. *Aranea.* Eyes 8: legs 8: abdomen with textorial papillæ: feelers clubbed.
 116. *Phalangium.* Eyes 4: legs 8: feelers chelate.
 118. *Scorpio.* Eyes 8: legs 8: feelers chelate.
 119. *Cancer.* Eyes 2: legs 10, the first pair chelate.
 120. *Monoculus.* Eyes 2: legs 12, 10 of them chelate.
 121. *Oniscus.* Eyes 2: legs 14.

C. *Legs numerous: head distinct from the thorax.*

122. *Scolopendra.* Body linear.
 123. *Iulus.* Body subcylindrical.

ORDER I. COLEOPTERA.

Wings covered with crustaceous shells.

1. SCARABÆUS. *Antennæ* clavate, the club lamellate: *feelers* 4: *fore-shanks* generally toothed. *Beetle.*

The *larvæ* or grubs of beetles have 6 feet; are annulate, hairy, vesicular at the end of the abdomen, and furnished with a horny head; they live quietly under ground; most of them delight in and feed on dung; those of the *cetoniæ* on decayed woods, and of the *melolonthæ* on the roots of plants: their *nymphs* lie dormant under the earth.

A. *Feelers* filiform.

a. *Mandible* arched.

† *Without* teeth.

‡ *Thorax* horned, *scutellater*

Hercules. Horn of the thorax incurved, very large, bifid at the end, bearded beneath and 1-toothed: horn of the head recurved, with several teeth above.

Olivier's Insects, 1, 3, 6, 1. tab. 1. fig. 1. tab. 23. fig. 1.

Inhabits South America: very large.

Horn of the *thorax* bifid: *shells* sometimes pitchy or glaucous, spotted with black: *female* unarmed.

Atides. Horn of the thorax incurved, bearded beneath and 1-toothed: horn of the head recurved, unarmed.

Olivier's Insects, 1, 3, 7, 2. tab. 1. fig. 2.

Inhabits India: half the size of the last.

Horn of the *thorax* not bifid at the end.

Gideon. Horn of the thorax incurved, very large, smooth, bifid at the end: horn of the head recurved, 1-toothed above.

Olivier's Insects, 1, 3, 14, 10. tab. 11. fig. 102.

Inhabits South America and India.

Oromedon.

Oromedon. Horn of the thorax short, emarginate: horn of the head recurved, bifid.

Olivier's Insects, 1, 3, 17, 14. *tab.* 18. *fig.* 165.

Inhabits *South America* and *India*.

Centaurus. Horn of the thorax incurved, 2-toothed at the base, bifid at the end: horn of the head recurved, 1-toothed.

Olivier's Insects, 1, 3, 14, 9. *tab.* 11. *fig.* 104.

Inhabits *India* and *Africa*.

Ægeon. Rufous: horn of the thorax short, incurved, bearded beneath; horn of the head recurved, subulate.

Olivier's Insects, *tab.* 26. *fig.* 209. *Fablonfk.* 1. *fig.* 4.

Dispar. Horn (in the male) of the thorax subulate, projecting: horn of the head subulate, slightly recurved: scutell heart-shaped.

Olivier's Insects, *tab.* 3. *fig.* 20. *Fablonfk.* *tab.* 2. *fig.* 3, 4.

Inhabits southern *Russia*: black.

Female with 2 erect denticles in the middle of the head before: *thorax* with 2 elevated prominent teeth before.

Chorinæus. Horn of the thorax incurved, very thick at the base, bifid at the end: horn of the head longer, recurved, bifid.

Olivier's Insects, *tab.* 2. *fig.* 4. *Fablonfk.* *tab.* 2. *fig.* 5.

Inhabits *Brazil*: resembles *Sc. pan.*

Dichotomus. Horn of the thorax 2-toothed: horn of the head dichotomous: shells rufous.

Olivier's Insects, *tab.* 17. *fig.* 159. *Fablonfk.* *Coleopt.* 2. *f.* 16.

Inhabits *South America* and *India*: large.

Claviger. Horn of the thorax elevated: horn of the head subulate, recurved.

Olivier's Insects, *tab.* 5. *fig.* 40. *Drury*, *tab.* 48. *fig.* 3.

Inhabits *South America* and *India*.

Hastatus. Horn of the thorax short, arched, spear-shaped, rough beneath: horn of the head recurved.

Olivier's Insects, 1, 3, 21, 19. *tab.* 19. *fig.* 175.

Inhabits *South America*: black, shells testaceous: shield of the head reflected, toothed, with a large, sharp, arched, unarmed horn: *thorax* punctured, with an incumbent short horn in the middle, spear-shaped or 3-lobed at the end: shells punctured, with a single stripe at the suture.

- Enema.* Horn of the thorax incurved, simple, very thick at the base: horn of the head recurved, bifid.
Olivier's Insects, tab. 12. fig. 114. tab. 17. fig. 157.
 Inhabits India: resembles Sc. pan.
- Pan.* Horn of the thorax incurved, very thick at the base, bifid at the end: horn of the head recurved, 1-toothed.
 Inhabits South America and India: large, black.
 Thorax rough at the sides, smooth in the middle, very thick, ending in an incurved bifid horn.
- Bilobus.* Thorax prominent, 2-lobed: horn of the head simple: shells striate.
Olivier's Insects, tab. 5. fig. 35. Fablonsk. tab. 3. fig. 2.
 Inhabits southern parts of Europe: pitchy.
- Dædalus.* Thorax arched, excavate before, with a very short horn: horn of the head flat, impressed each side.
 Inhabits India: less than Sc. nasicornis.
 Horn longer than the head, and covering the whole head, straight, broad, with an impressed puncture at the base each side, 1-toothed at the edge: thorax with a transverse dorsal elevated line: shells scarcely striate: legs and body beneath ferruginous: hind-thighs clavate: hind-shanks thick, truncate: female; thorax unarmed; horn of the head shorter, notched at the end.
- Truncatus.* Thorax retuse, with a short truncate horn: head unarmed.
Olivier's Insects, 1, 3, 31, 32. tab. 11. fig. 103.
 Inhabits New Zealand: size of Sc. nasicornis.
- Zoilus.* Thorax retuse and mucronate before: horn of the head very short, recurved.
 Inhabits Cayenne. *Olivier's Insects, tab. 9. fig. 84.*
 Body black: head with a short elevated recurved horn.
- Attaon.* Smooth: thorax 2-horned: horn of the head 1-toothed, bifid at the end: shells smooth.
Olivier's Insects, tab. 5. fig. 32. tab. 6. fig. 49.
 Inhabits South America: is the largest of all known insects, except crabs and monoculi.
 Shells black, or glaucous spotted with black.
- Simfon.* Thorax 2-horned: horn of the head bifid at the end: shield denticulate.
 Inhabits

Inhabits India. *Olivier's Insect's tab. 15. fig. 142.*

Body smooth, pitchy: head 2-toothed before: horns of the thorax lanceolate, projecting, longer than the horns of the head.

Elephas. Downy: thorax gibbous, 2-horned: horn of the head 1-toothed, bifid at the end.

Inhabits Guinea. *Olivier's Insects, tab. 15. fig. 138.*

Body covered with rusty-grey hairs: shells irregularly punctured.

Boas. Thorax retuse, excavate, 2-toothed: horn of the head recurved, simple.

Inhabits Sierra Leona. *Olivier's Insects, tab. 4. fig. 24.*

Shield of the head emarginate: thorax black, with erect ferruginous hairs: shells pitchy, with a single line at the suture.

Coryphæus Thorax 2-horned: body ferruginous.

Inhabits the Cape of Good Hope. *Olivier's Insects, t. 19. f. 150.*

Shield of the head 2-horned before, the horns recurved and tipped with black, and an elevated short black spine behind: thorax with 2 short approximate horns tipped with black, and an obtuse gibbosity behind: shells slightly striate.

Bicornis. Thorax 2-horned: horn of the head recurved, 1-toothed: shells rufous.

Inhabits South America. *Fablonfk. Scarab. 1. tab. 4. fig. 1.*

Size of *Sc. nasicornis*: body black.

Orion. Brown: thorax 2-horned, the horns compressed, head 3-horned, the middle one very short.

Olivier's Insects, tab. 4. fig. 30. tab. 5. fig. 30.

Inhabits Senegal: small.

Horn of the head elevated, thick, compressed, ending in 2 lateral, distant, recurved horns, with a denticle in the middle: thorax deeply impressed, the horns strong: shells smooth, polished.

Tityus. Thorax 3-horned, the lateral ones short, subulate, middle one bearded beneath: horn of the head recurved, simple.

Inhabits America. *Olivier's Insects, 1. tab. 4. fig. 31.*

Shells sometimes black with glaucous spots, sometimes glaucous with black spots.

- Atlas.* Thorax 3-horned, the middle one very short : horn of the head recurved.
Inhabits America. *Fablonfk. Coleopt.* 1. tab. 4. fig. 5.
Horn of the head sometimes 3-toothed.
- Geryon.* Thorax excavate, 3-horned, the lateral ones compressed, 1-toothed : horn of the head recurved, simple.
Olivier's Insects 1. t. 24. f. 208. *Fablonfk. Coleopt.* t. 4. f. 6.
Inhabits India and South America.
Middle horn of the thorax erect, subulate, dilated at the base, covering the scutel.
- Aloëus.* Thorax 3-horned, the middle one longer, simple : head nearly unarmed : shells with a single stripe.
Olivier's Insects, 1. t. 3. f. 22. *Fablonfk. Coleopt.* t. 4. f. 3.
Inhabits South America : much larger than *Sc. nasicornis*.
Fore-shanks 5-toothed : male with 2 short horns in front.
- Typhon.* Thorax 3-horned, the middle one notched : horn of the thorax longer, recurved, 1-toothed at the base, bifid at the end.
In the *British Museum*. *Olivier's Insects*, 1. tab. 16. fig. 152.
Shield of the head 2-toothed : horn projecting, recurved, with a strong dorsal tooth at the base, smooth, black : thorax covered with a cinereous down ; the horns black, subequal, the middle one with fulvous down beneath : shells brown, nearly smooth.
- Vulcanus.* Thorax 3-horned, the lateral ones shorter, compressed, dilated near the tip : head unarmed : shells with striate punctures.
Inhabits the island *Gaudeloupe* : larger than *Sc. Syphax*.
Head black ; shield 2-toothed : horns of the thorax projecting, the middle one longer, recurved.
- Antæus.* Thorax 3-horned, the middle one longer, simple : head unarmed : shells quite smooth.
Olivier's Insects, 1. t. 12. f. 105. *Fablonfk. Coleopt.* 1. t. 4. f. 4.
Inhabits South America : female unarmed.
- Syphax.* Thorax 3-horned, the middle one longer, simple : head unarmed : shells punctured.
Olivier's Insects, 1. tab. 11. fig. 99. tab. 22. fig. 99.
Inhabits America : resembles the last.

Maimon. Thorax 3-horned; the horns equal, very short: shells smooth.

Inhabits *America*. *Oliver's Insects*, 1. tab. 11. fig. 101.

Thorax retuse each side: head unarmed.

**Typhæus.* Thorax 3-horned, the middle one less, lateral ones projecting, as long as the head which is unarmed.

Bull-combar.

Oliver's Insects, 1. tab. 7. fig. 52. *Fablonfk.* 1. tab. 6. fig. 1, 2.

Inhabits *Europe*, and is mostly found under cow-dung, where it buries itself to deposit its eggs.

Head depressed, villous at the sides, narrow: knob of the antennæ greyish: thorax smooth, the horns sometimes as long as the head and sometimes twice as long, in the female hardly visible: shells striate: shanks downy: body black.

Momus. Thorax 3-horned, the middle one very short: shells smooth.

Inhabits *India*: size of *Sc. typhæus*.

Head unarmed, a little tapering behind: lateral horns of the thorax a little flexuous in the middle: shells black.

Titanus. Thorax 3-horned, the middle one longer, bifid at the end; lateral ones subarched, pointed: head unarmed.

Oliver's Insects, 1. tab. 5. fig. 38. *Drury.* 1. tab. 36. fig. 3, 4.

Inhabits *America*. Thorax very retuse: abdomen rough beneath with rufous hair.

Enobarbus Thorax 3-horned, the middle one longer emarginate, lateral ones obtuse: head bituberculate.

Inhabits *America*. *Oliver's Insects*, 1. tab. 16. fig. 147.

Thorax black, with a ferruginous dot each side: lateral horns short, obtuse, rather tuberculate: shells black: abdomen hairy.

Nasicornis. Thorax with a triple prominence: horn of the head recurved: shells smooth.

Inhabits *Europe*. *Oliver's Insects*, 1. tab. 3. fig. 19.

Larva grey, the head, legs and spiracles rufous: female with hardly the rudiment of a horn.

Sylvanus. Thorax retuse, with a triple prominence; the middle one obsolete: horn of the head recurved.

Oliver's Insects, 1. tab. 12. fig. 107.

Inhabits *Brasil*: black.

Thorax very retuse: shells punctured, striate:

Lazarus. Thorax with 3 tubercles: horn of the head short, emarginate.

Oliver's Insects, 1. tab. 16. fig. 146.

Inhabits *North America*: small.

Shield of the head emarginate, sinuate each side: *thorax* brown, caniculate, the middle tubercle transverse: *shells* striate, rufous.

A-Spinosus Thorax retuse, with a quadruple prominence: horn of the head recurved.

Inhabits *Cayenne*. *Oliver's Insects*, 1. tab. 19. fig. 179.

Shield of the head reflected, subemarginate: *thorax* with a 4-toothed tubercle: *shells* black, with a single stripe at the future: *legs* hairy: *thighs* ferruginous.

Quadridens. Thorax 4-toothed: horn of the head elevated, simple: body ferruginous.

Oliver's Insects, 1. tab. 12. fig. 108. female.

Inhabits *India*: small, gibbous, ferruginous.

Shield (of the male) with a short erect horn, (of the female) 2-toothed: *shells* striate.

**Mobilicornis.* Thorax 4-toothed: horn of the head recurved, moveable.

Olivier's Insects, 1. t. 10. f. 88, male. t. 25. f. 88, female.

Inhabits *England* and *Germany*: black: *shells* striate.

Cyclops. Thorax 4-horned, the lateral ones larger: head 2-toothed: body ferruginous.

Olivier's Insects, 1, 3, 60, 67. tab. 15. fig. 140.

Inhabits *India*: middle-sized.

Body above ferruginous, beneath paler: shield of the head rounded, with 2 sharp teeth: *shells* striate.

Milon. Thorax 5-horned, the hind-one longer, incumbent: horn of the head recurved, ferrate.

Inhabits *Brazil*. *Olivier's Insects*, 1, 3. tab. 20. fig. 185.

Horn of the head ferrate near the tip.

†† Thorax horned; exscutellate.

Violaceus. Thorax 6-spined: jaws prominent: front sloping: body entirely violet.

Lepech. 2. p. 208. tab. 10. fig. 13.

Inhabits *Siberia*, under stones: small.

Shells marked with hollow punctures.

Oedipus

- Oedipus.* Horn of the thorax flat, toothed beneath: horn of the head truncate, 3-toothed.
Olivier's Insects, 3, 112, 129. tab. 13. fig. 121.
 Inhabits the *Cape of Good Hope*: middle-sized.
Shield rounded, emarginate: *thorax* rounded behind, with an impressed puncture at the sides: *shells* striate.
- Rhadamistus.* Thorax deeply excavate, with a recurved horn before: head unarmed: shells rufous, with a black suture and 2 spots.
 Inhabits *Coromandel*: small.
Shield rounded, brassy, whitish before: *thorax* longer than the shells, brassy, pale at the sides with a brassy dot: *shells* striate.
- Nemestrianus.* Thorax with 2 projecting sharp horns: horn of the head erect, subulate.
Olivier's Insects, 1. tab. 12. fig. 115.
 Inhabits the *Cape of Good Hope*: body hairy.
Shield rounded, entire: *thorax* with an impressed puncture each side: *shells* striate.
- Iachus.* Thorax prominent, 2-lobed: horn of the head recurved, simple.
Olivier's Insects, 1. tab. 21. fig. 195.
 Inhabits the *Cape of Good Hope*.
Shield rounded, notched at the tip: *horn* long, erect, recurved at the end: *thorax* slightly punctured; 2 elevated lines each side near the edge.
- Sabæus.* Thorax with a double prominence: horn of the head erect, simple, as long as the thorax.
Olivier's Insects, 1. tab. —. fig. 85.
 Inhabits *Coromandel*: size of the last.
Shield projecting, rounded, scarcely emarginate: *thorax* black, polished, with an impressed lateral point each side: *shells* striate, black, polished.
- Nanus.* Thorax with a double prominence: horn of the head erect, simple, as long as the head.
 Inhabits *Tranquebar*: less than the last.
Shield rounded: *thorax* with an impressed point each side: *shells* striate.
- Splendidulus.* Thorax brassy, with 2 compressed black horns: horn of the head erect, compressed at the tip.

Olivier's Insects, 1, 3, 111, 128. *tab.* 2. *fig.* 18.

Inhabits *South America*: size of *Sc. carnifex*.

Shield rounded, slightly emarginate: *horn* obtuse: *thorax* angular, with 2 subarched obtuse horns in the middle: *shells* grooved, green, obscure: *legs* black; *thighs* brassy.

Festivus. Thorax gibbous, 2-horned: horn of the head erect: shells red-brassy.

Olivier's Insects, 1, 3, 110, 127. *tab.* 3. *fig.* 2.

Inhabits *America*: black.

Pactolus. Thorax 2-toothed: horn of the head long, recurved, 2-toothed in the middle.

Olivier's Insects, 1. *tab.* 16. *fig.* 144. *Fablonfk.* 1. *tab.* 8. *f.* 1.

Inhabits *Brazil*: brassy-green.

Shield rounded, entire: *horn* black, with 2 sharp teeth in the middle: *thorax* channelled on the fore-part, paler at the sides: *shells* testaceous, with a brassy future.

Pithecus. Thorax with 2 very short horns: horn of the head erect, subulate.

Inhabits *India*. *Olivier's Insects*, 1. *tab.* 9. *fig.* 73.

Body ferruginous: *shield* rounded, entire: *thorax* rounded: *shells* striate.

Seniculus. Thorax on the fore-part and shield on the hind-part 2-horned.

Inhabits *Tranquebar*. *Olivier's Insects*, 1. *tab.* 7. *fig.* 56.

Shells substriate, black, crossed with 2 ferruginous stripes composed of dots at the base: *legs* short, ferruginous.

Guineensis. Thorax 2-toothed, brassy: horn of the head elevated, short.

Inhabits *Guinea*: half the size of the last.

Antennæ testaceous: *shield* rounded, a little reflected at the edge: *thorax* rounded, brassy, with 2 small teeth before: *shells* substriate, black, crossed with an interrupted testaceous streak at the base, and testaceous at the tip.

Pygmæus. Thorax 2-toothed, brassy: shield unarmed, emarginate: shells testaceous, spotted with black.

Inhabits *Tranquebar*: small.

Shield round, widely emarginate before: *shells* substriate: *body* black: *female* unarmed.

Catta. Thorax 2-toothed before: shield with 2 raised transverse carinate lines.

Inhabits *Coromandel*. *Olivier's Insects*, 1. tab. 23. fig. 201.

Shield slightly emarginate: *thorax* brassy, surrounded with a yellowish edge, impressed with a dot each side: *shells* striate, brown, edged with yellowish: *thighs* yellow, with a large black spot.

Rosalius. Thorax 2-horned before, elevated and 3-horned behind: horn of the head compressed, ferrate.

Inhabits *South America*.

Ammon. Thorax 3-toothed: horn of the head recurved: shells striate.

Inhabits *America*. *Olivier's Insects*, 1. tab. 12. fig. 111.

Shield rounded, emarginate, with a projecting, sharp, recurved horn: *thorax* smooth, with 3 teeth, the middle one larger: *shells* with crenate stripes.

Midas. Thorax 3-horned: shield sinuate 2-horned.

Inhabits *America*. *Olivier's Insects*, 1. tab. 30. fig. 183.

Shield projecting, wrinkled, with a broad hollow in the middle: horns 2, short, erect, and 2 denticles in the middle: *thorax* punctured, rough with ferruginous hairs; the horns depressed, crenate at the sides, the middle ones broader, emarginate: *shells* striate.

Hama-drias. Thorax 3-horned, the middle one flat, acute, 2-toothed: shield reflected, 2-horned.

Inhabits the *Cape of Good Hope*: larger than the last.

Olivier's Insects, 1. tab. 10. fig. 92. tab. 23. fig. 92.

Shield rounded, entire, with 2 short, obtuse, erect horns in the middle: *thorax* with a large hollow each side: *shells* striate, with 3 denticles at the base.

Lunaris. Thorax 3-horned, the middle one obtuse, bifid: horn of the head erect: shield emarginate.

Inhabits *Europe*, on heaps of dung.

Donovan's English Insects, v. plate 154. fig. 4.

Olivier's Insects, 1; 3. tab. 5. fig. 36.

Shield horned in each sex: *thorax* of the female unarmed.

Emargina-tus. Thorax unequal, slightly 3-horned: horn of the head erect, emarginate.

Inhabits *Europe*: very much resembles the last.

Olivier's Insects, 1. tab. 8. fig. 64. *Degeer*. tab. 10. fig. 1.

Shield

Shield emarginate, with a small erect horn in the centre : *thorax* with a broad impressed point each side : *shells* striate.
Is probably a variety of the last.

Cælatus. Thorax 3-horned, the middle-one 3-toothed : horn of the head recurved, long, 1-toothed within.

Inhabits the *Cape*. *Voet. Coleopt. tab. 33. fig. 6.*

Less than *Sc. lunaris*. *Shield* rounded, the horn compressed, with a strong incumbent tooth in the middle within : *thorax* elevated, retuse each side : *shells* hardly striate.

Belzebub. Thorax with a triple prominence : head 3-horned, the middle one larger.

Inhabits *America*. *Olivier's Insects, 1. tab. 14. fig. 136.*

Shield rounded, scarcely emarginate : horn of the head short, with 2 smaller horns at the base : *shells* striate : middle *shanks* clavate, toothed.

Bifasciatus. Thorax with a triple prominence : horn of the head erect : shells black, with 2 rufous bands.

Inhabits *Coromandel*. *Olivier's Insects, 1. tab. 13. fig. 119.*

Shield rounded, entire, black, with a short obtuse horn in the middle : *thorax* black, polished, punctate : bands on the *shells* hardly reaching the future.

Simon. Thorax 4-toothed : horn of the head recurved, subulate.

Inhabits *Africa*. *Olivier's Insects, 1. tab. 9. fig. 79.*

Body brown, half the size of *Sc. lunaris* : *shield* 2-toothed.

Faunus. Thorax 4-horned, the middle ones very short : horn of the head recurved, ferrate.

Inhabits *Cayenne*. *Olivier's Insects, 1. tab. 10. fig. 87.*

Shield rounded, entire : *thorax* gibbous, retuse at the sides, rounded behind, with 2 small impressed dots : *shells* sulcate.

Tarandus. Thorax 4-horned : head with 2 compressed horns.

Inhabits *East India* : small, black.

Shield slightly angular, black, with an elevated line behind, which is terminated each side by a short horn : *thorax* black, with 4 equal horns, the middle ones connected at the base : *shells* testaceous, black at the future : *legs* testaceous.

Capucinus. Thorax 4-horned : horn of the head recumbent, 1-toothed each side.

Inhabits *India*. *Olivier's Insect's 1. tab. 2. fig. 12.*

Shield

Shield rounded, slightly emarginate : *thorax* elevated, black, with an impressed dot each side : *shells* striate.

Lemur. Thorax 4-horned, coppery : shield transverse, carinate behind : shells testaceous.

Inhabits Germany. *Olivier's Insects*, 1. tab. 21. fig. 191.

Shells sometimes with a band composed of 5 brown dots.

Camelus. Thorax 4-horned : shield slightly 2-horned behind : body black.

Inhabits Germany. *Olivier's Insects*, 1. tab. 20. fig. 181.

Female with a double transverse carinate line on the shield, the hind-one larger.

Unifasciatus. Thorax 5-horned : black, shells testaceous, with a black band.

Inhabits *Tranquebar* : small, black.

Shield rounded, unarmed, black : *thorax* gibbous, black, with 5 tubercles, the 2 lateral ones larger, the 3 middle ones disposed in a triangle : *shells* with a distinct spot at the base, a broad indented band in the middle and blotch at the tip all black : knob of the *antennæ* ferruginous.

Dalderfi. Thorax 6-toothed : shield rhombic, a little prominent on the centre : shells smooth.

Inhabits *India* : size of *Sc. vernalis*.

Antenor. Thorax truncate, many-toothed : horn of the head elevated, 3-toothed.

Inhabits *Senegal*. *Olivier's Insects*, 1. tab. 6. fig. 42.

Horn of the *shield* broad, truncate, the middle tooth a little larger : *shells* striate.

††† Thorax unarmed ; head horned : scutellate.

Rhinoceros Thorax retuse, subbituberculate : horn of the head simple : shield bifid : shells punctate.

Inhabits *Asia*. *Olivier's Insects*, 1. tab. 18. fig. 166.

Body pitchy, beneath hairy : *thorax* of the *female* excavate.

Augias. Thorax retuse, 2-tubercled : horn of the head simple, as long as the *thorax* : shells most smooth.

Inhabits *Guinea*. *Olivier's Insects*, 1, 3. tab. 24. fig. 212.

Shield emarginate, the horn recurved : *thorax* retuse before, with erect brown hairs ; behind smooth, with 2 elevated tubercles : *shells* with a single stripe at the suture.

Barba

Barbarossa Thorax rough on the fore-part: horn of the head recurved, short.

Inhabits *New Holland*. *Olivier's Insects*, 1. tab. 12. fig. 109.
Shield elongated, subemarginate, the horn subulate, as long as the head: *thorax* rounded: *shells* pitchy, punctured, striate: *fore-shanks* 4-toothed.

Satyrus. Thorax truncate before: horn of the head recurved; as long as the head.

Inhabits *America*. *Olivier's Insects*, 1. tab. 11. fig. 49.
Shield widely emarginate, the horn 3 times as long: *shells* striate: *body* beneath ferruginous, hairy: *shanks* toothed.

Jamaicensis. Thorax retuse before: horn of the head recurved: *shells* very smooth.

Inhabits *Jamaica*. *Female* unarmed.
Olivier's Insects, 1. t. 16. f. 148. *Drury*, 1. t. 34. f. 1, 2.

Silenus. Thorax excavate before: horn of the head recurved: *shells* very smooth.

Inhabits southern *Europe*. *Olivier's Insects*, 1. tab. 8. fig. 62.

Syrichtus. Thorax rounded: horn of the head recurved.

Inhabits *America*. *Olivier's Insects*, 1. tab. 6. fig. 48.

Abelles. Horn of the head very short: *shells* cinereous, with black raised dots: *fore-tarsi* 0.

Inhabits the *Cape*. *Olivier's Insects*, 1. tab. 11. fig. 97.
Body small: *shield* rounded, entire, with raised sutures: *thorax* unequal, grey-brown, the margin and 2 spots yellow: *shells* grey-brown, striate, with raised lines: *legs* yellow, spotted with black.

Hylax. Horn of the head emarginate: hind-shanks very short, spinous at the tips.

Inhabits *Africa*. *Olivier's Insects*, 1. tab. 11. fig. 95.
Shield toothed, the horn short, erect, compressed: *thorax* rounded, caniculate behind: *shells* smooth, rufous: *body* hairy.

Aries. Thorax rounded: horn of the head very short, subulate.

Inhabits the *Cape of Good Hope*.
Shield emarginate before: *shells* substriate.

Clinias. Horn of the head very short: *fore-tarsi* 0.

Inhabits *Hungary*. *Herbst*, *Arch. tab.* 16. fig. 4.

Shield

Shield rounded, entire; before the horn a small tubercle and behind the horn an elevated transverse line: *thorax* rounded, black, with a yellow spot each side: *shells* black.

Monodon. Thorax rounded: tubercle of the head slightly horned: body beneath naked.

Inhabits *Hungary*: rather less than *Sc. aries*.

Shield obtuse: *thorax* smooth, opaque: *shells* black, opaque, hardly striate: *body* black.

Coronatus. Shield of the head emarginate behind.

Inhabits *Java*. *Olivier's Insects*, 1. tab. 12. fig. 110.

Shield raised each side: *thorax* punctured: *shells* smooth: *hind-thighs* short, thick: *body* pitchy.

Dionysius. Thorax excavate: horn of the head recurved, depressed, thicker at the tip.

Inhabits *Tranquebar*. *Shells* substriate.

Melibæus. Thorax uneven before: horn of the head very short, truncate: *shells* striate.

Inhabits *North America*: small.

Antennæ thick, pitchy: *head*, *thorax* and *legs* black: *shells* with crenate stripes, dull pitchy.

Didymus. Depressed: *thorax* with a groove: head 3-spined: *shells* striate.

Inhabits *America*. *Olivier's Insects*, 1. tab. 2. fig. 9.

Female with a small elevated spine on the *thorax*.

Valgus. Depressed; *thorax* grooved, mucronate: head with 2 short horns.

Inhabits *Cayenne*. *Olivier's Insects*, 1, 3. tab. 17. fig. 160.

Hircus. Thorax rough: head with a transverse carinate line: shield 2-toothed.

Inhabits *Tranquebar*: size of *Sc. nasicornis*.

Shield emarginate, the teeth erect: *shells* substriate: *body* black, with ferruginous down.

Guttulatus. Thorax punctured: shield entire, with 2 elevated obtuse horns.

Inhabits *Italy*. *Olivier's Insects*, 1. tab. 8. fig. 70.

Shield rounded, with a transverse carinate line in the middle: *thorax* rounded, black, polished: *shells* punctured, striate, black: *body* black.

- Farctus*. Brown; head slightly 2-horned: shells punctured; striate, tip with black.
Inhabits *Pennsylvania*. *Olivier's Insects*, 1. tab. 11. fig. 96.
Thorax ciliate ferruginous, the hinder margin black, an abbreviated transverse wrinkle before: *scutel* black: *shells* black at the tip with a brown spot.
- Retusus*. *Thorax* retuse: horn of the head short, plane: hind-thighs thickened.
Inhabits the *Cape*. *Olivier's Insects*, 1. tab. 11. fig. 100.
Shield subemarginate: *thorax* black, obscure: *shells* smooth, black: *body* covered with ferruginous down: *legs* rufous.
- Piceus*. Pitchy; *thorax* smooth: head 2-horned: shells striate.
Inhabits *India*. *Olivier's Insects*, 1. tab. 24. fig. 211.
Shield emarginate, the horns approximate: *thorax* smooth: *shells* punctured, striate.
- Inuus*. *Thorax* quadripunctate: head with 4 tubercles: fore-tarsi 0.
Inhabits *Sierra Leona*. *Olivier's Insects*, 1. tab. 14. fig. 135.
Body above brassy-green.
- Aygulus*. *Thorax* with 4 dots: head tuberculate: shells testaceous: fore-tarsi 0.
Inhabits *India*. *Olivier's Insects*, 1. t. 13. f. 120. t. 4. f. 28.
Shield entire, green, with 5 transverse lines and a tubercle on the hind-part: *thorax* brassy: *fore-shanks* toothed each side.
- Subterraneus*. Head with 3 tubercles: shells with crenate stripes.
Inhabits *Europe*. *Olivier's Insects*, 1. tab. 18. fig. 162.
Resembles *Sc. fossor*, but is only half the size.
- Sorex*. Head with 3 tubercles, the middle one slightly horned: shells striate, grey, edged with black.
Inhabits *China* and *East India*: size of *Sc. fossor*.
Shield reflected, emarginate, black immaculate.
Thorax punctured, black: *scutel* black.
- **Fossor*. *Thorax* retuse: head with 3 tubercles, the middle one slightly horned.
Inhabits *Europe*. *Olivier's Insects*, 1. tab. 20. fig. 148.
Degeer's Insects, 4. tab. 10. fig. 7.
- Scrutator*. Head with 3 tubercles: shells and abdomen rufous.
Inhabits

Inhabits *Europe*. *Olivier's Insects*, 1. tab. 26. fig. 224.

Shield rounded: *thorax* punctured, black, polished, with a broad rufous margin: *shells* striate, with a raised dot at the tip and base: *legs* black.

Sulcatus. Black, polished: head with 3 strong tubercles: shells with wrinkled grooves.

Inhabits *Germany*: less than *Sc. fossor*.

Antennæ brown: shield slightly emarginate: *thorax* punctured: shells grooved, the grooves with transverse wrinkled lines.

Færens. Head with 3 tubercles, the middle one acute: shells with a ferruginous border.

Inhabits *Saxony*. *Olivier's Insects*, 1. tab. 9. fig. 71.

Thorax smooth, black, polished, with a ferruginous marginal spot: shells striate: abdomen black: tail rufous.

Analıs. Head with 3 equal tubercles: black, shells ferruginous at the ends.

Inhabits *India*: size of *Sc. fossor*.

Shield rounded, subemarginate, the tubercles slightly horned: *thorax* rounded, smooth, black, polished: shells striate: legs toothed.

Scybalarıus Head with 3 tubercles, the middle one pointed: shells testaceous striate.

Inhabits *Germany*. *Olivier's Insects*, 1. tab. 26. fig. 226.

Mouth and edge of the *thorax* subtestaceous: shells with slightly crenate stripes.

**Terrestris* Head with 3 equal tubercles: shells striate.

Inhabits *England*. *Olivier's Insects*, 1. tab. 42. fig. 209.

Not half the size of *Sc. fossor*: tubercles of the head lesser, shorter and more obtuse.

Obscurior. Dull black: head with 3 obsolete tubercles: shells striate.

Inhabits *Germany*: size of the last.

Shield rounded, slightly emarginate: *thorax* smooth, black: shells dusky, with smooth stripes: legs black.

Ater. Head with 3 tubercles, the middle one slightly horned: shells striate, very smooth.

Inhabits *Keil*. *Degeer's Insects*, 4. 158.

Shield rounded, slightly emarginate: *thorax* subpunctured, black, polished: *shells* black, polished, striate, but not cre-nate: *body* black: *legs* pitchy.

Thorax with sometimes a small lateral rufous spot.

Porcus. Head with 3 tubercles, the middle one slightly horned: shells substriate, rufous.

Inhabits *Saxony*: small.

Feelers and *antennæ* pitchy: *shield* rounded, black: *thorax* black, immaculate: *body* black: *legs* rufous.

Bimaculatus. Head with 3 small tubercles: shells striate, with a rufous spot at the base.

Inhabits *Germany*. *Olivier's Insects* 1. tab. 9. fig. 72.

Is perhaps only a variety of *Sc. terrestris*,

**Conflagrans.* Head with 3 tubercles: shield and scutel polished black.

Inhabits *Germany*. *Herbst, Arch. Insect.* 4. p. 5. n. 11.

Shells grooved, with hollow dots.

**Testaceus.* Testaceous: head with 2 tubercles: shells punctured, striate.

Inhabits *England*. *Olivier's Insects*, 1, 3. tab. 17. fig. 158.

Thorax punctured: *body* hairy.

**Fimetarius.* Black: head tuberculate: shells red.

Inhabits *Europe*, on cow-dung.

Olivier's Insects, 1, 3. t. 18. f. 167. *Voet. Scarab. t.* 21. f. 147:

**Conflagratus.* Thorax immaculate: shells striate, testaceous with a black spot.

Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 26. fig. 220.

Donovan's English Insects, ii. plate 70. fig. 2.

Scutel and *body* black: *legs* pitchy.

Erraticus. Thorax smooth: head with a single tubercle: shells brown.

Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 18. fig. 163.

Conspurcatus. Thorax white at the lateral margins: head tuberculate: shells striate, grey, spotted with brown.

Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 24. fig. 210.

Inquinatus Head with 3 tubercles: shells grey, spotted with brown.

Inhabits *Saxony*. *Olivier's Insects*, 1, 3. tab. 26. fig. 221.

Head black: *thorax* smooth, black, polished, with a pale rufous edge: *shells* striate, polished.

Unifasci-

Unifasciatus. Thorax pitchy, with a triple prominence, the middle one 3-tubercled: shells testaceous, with a sinuate brown band.

Inhabits Malabar. Schaller, 1. p. 240.

Suturalis. Blackish: head with 3 tubercles: shells testaceous, with a black suture.

Inhabits American islands: small.

Thorax black, with a testaceous edge and small black dots: shells striate: body dusky: legs yellowish.

**Sordidus.* Head tuberculate: thorax black, with a pale edge and black dot: shells grey.

Inhabits Europe. Olivier's Insects, 1, 3. tab. 25. fig. 216.

Shield entire, black, with a pale spot each side: thorax smooth: shells striate, the suture more dusky: body beneath variegated with black and grey: legs pale.

**Luridus.* Head tuberculate: body black: shells grey, striate with black.

Inhabits Europe. Olivier's Insects, 1, 3. t. 18. fig. 6. t. 26. f. 168.

Head and thorax black, polished: shells with black lines and spots: sometimes entirely black.

Granarius. Black: shield with a single tubercle: shells testaceous behind.

Olivier's Insects, 1, 3. t. 18. f. 172. Fablonsk. 1. t. 12. f. 10.

Inhabits Europe: size of a grain of wheat.

Sordens. Black: head tuberculate, the middle one prominent: shells dull testaceous, the suture and edges dull brown.

Inhabits Europe. Mus. Lesh. p. 2. n. 21.

Nebulosus. Brown: thorax smooth, the outer margins livid: head obscurely tuberculate: shells striate, clouded with brown: legs testaceous.

Inhabits Europe. Mus. Lesh. p. 2. n. 22.

Suturatus. Black, polished: head with a single minute tubercle: shells dirty-yellow, striate, punctured: outer edge at the base of the scutel and suture black.

Inhabits Saltsburg, on horse-dung.

Hæmorrhoidalis. Thorax punctured: head tuberculate: shells striate, rufous at the tips.

Inhabits Europe. Olivier's Insects, 1, 3. tab. 26. fig. 223.

Nitidu-

Nitidulus. Ferruginous: head with 4 tubercles: shells pale.

Inhabits *Europe*: small.

Shield entire, the tubercles 1, 3: thorax rounded, smooth, polished: scutellum ferruginous: shells smooth.

Marianus. Head tuberculate: shells smooth, glaucous, dotted with brown.

Inhabits *America*: probably the female of *Sc. hercules*.

Abdomen and thighs ferruginous.

†††† Thorax unarmed: head horned: exscutellate.

Bonafus. Thorax with a double prominence: head 3-horned, the lateral ones larger, arched.

Inhabits *India*. *Olivier's Insects*, 1, 3, tab. 9. fig. 82.

Thorax brassy: shells dusky: body black.

Bison. Thorax mucronate before: head with 2 lunate horns.

Inhabits southern *Europe*. *Olivier's Insects*, 1, 3. t. 6. f. 43.

Thorax with 2 impressed points behind: female with the fore-edge of the thorax carinate.

Sagittarius Thorax mucronate before: head with a single erect horn.

Inhabits the *Cape*. *Olivier's Insects*, 1, 3. tab. 14. fig. 133.

Shield rounded, entire, black, the horn as long as the head: thorax black, with a pale edge: shells striate-grey: fore-legs black with a golden spot at the base, the others variegated.

Bucephalus. Thorax retuse, 4-toothed: shield of the head angular, the horn emarginate.

Inhabits *India*. *Olivier's Insects*, 1, 3. tab. 4. fig. 26.

Body black: shield projecting, the horn recurved: thorax rough: shells striate.

Moloffus. Thorax retuse, 2-toothed, impressed each side: shield lunate, entire, with a single horn.

Olivier's Insects, 1, 3. tab. 5. fig. 37. tab. 4. fig. 25.

Inhabits *China*, where it is kept in the shops.

Lancifer. Violet; thorax toothed: horn of the head angular: shells grooved.

Inhabits *South America*. *Olivier's Insects*, 1, 3. tab. 4. fig. 32.

Paniscus. Thorax retuse, elevated: horn of the head recurved: shield cleft.

Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 5. fig. 34.

Carolinus. Thorax retuse, with 2 knobs: horn of the head erect, very short: shield entire: shells grooved.

Inhabits *Carolina*. *Olivier's Insects*, 1, 3. tab. 22. fig. 113.
Black, obtuse, gibbous, a finger thick.

Nifus. Thorax rounded: horn of the head very short, emarginate.

Inhabits *Cayenne*. *Olivier's Insects*, 1, 3. tab. 2. fig. 17.

Antennæ black, with a yellow knob: *thorax* impressed each side: *shells* striate.

Orientalis. Thorax rounded: horn of the head very short: shells striate.

Inhabits *East India*: not half the size of the last.

Shield rounded, entire: *thorax* rounded, smooth, dusky, obscurely bituberculate before.

Plutus. Thorax with an impressed point each side: horn of the head very short, subulate.

Inhabits *East India*. *Fabric. Append.* 4. 436.

Shield rounded, emarginate: *shells* hardly striate: *body* black: knob of the *antennæ* ferruginous.

Sphinx. Thorax with 4 impressed points: head slightly horned: fore-tarsi o.

Inhabits *America, France*. *Olivier's Insects*, 1, 3. tab. 7. fig. 57.

Fore-thighs thick, compressed; second pair with clavate shanks and very short tarsi.

Unguicula-ris. Head with 2 transverse lines: thighs toothed: fore-shanks clawed beneath, tarsi o.

Scarab. unguiculatus. *Olivier's Insects*, 1, 3. tab. 20. fig. 280.

Inhabits *Senegal*: size of *Sc. sphinx*.

Shield entire, black, with 2 raised lines: *thorax* large, polished, punctured each side and 2 at the base: *shells* short, striate: *thighs* with each a strong tooth at the tip: *fore-shanks* with a strong incurved claw in the middle: *tarsi* o.

Female, legs simple, tarsi o.

Nicanor. Thorax with 4 impressed points: horn of the head recurved, 2-toothed: shells striate.

Inhabits *America*. *Drury*, 1. tab. 35. fig. 1.

Shield projecting, emarginate before: *thorax* black, truncate before, rounded behind.

Ericator. Thorax elevated, pointed before: horn of the head truncate, slightly emarginate.

Olivier's

Olivier's Insects, 1, 3, 122, 143. *tab.* 16. *fig.* 149.

Inhabits *India*: entirely black, polished.

Shield rounded, cleft: *thorax* with an impressed puncture each side: *shells* fulcate.

Mimas. Thorax retuse, angular: head obscurely 2-horned: shells gilt, striate.

Olivier's Insects, 1, 3. *t.* 7. *f.* 50. *Fablonfk.* 2. *tab.* 15. *fig.* 2, 3.

Inhabits *South America*. Shield entire.

Taurus. Hind-head with 2 reclined arched horns.
Inhabits *France, Germany*. *Olivier's Insects*, 1, 3. *t.* 8. *f.* 73.

Vacca. Thorax pointed: hind-head with a double erect spine.
Inhabits *Germany*. *Olivier's Insects*, 1, 3. *tab.* 8. *fig.* 65.
Shield of the *female* with 2 raised lines.

Capra. Hind-head with 2 subarched horns: body black, opaque.
Inhabits *Saxony*. *Olivier's Insects*, 1, 3. *tab.* 20. *fig.* 182.
Shield rounded: *thorax* gibbous, rounded, immaculate: shells nearly smooth.
Is probably a variety of *Sc. taurus*. *Helwig*.

Ibex. Head with 2 very short horns: body black, slightly spotted with yellow.
Inhabits *India*: small.
Shield rounded, entire, the horns subcompressed: *antennæ* testaceous: *thorax* rounded behind: shells striate: body beneath black: *thighs* yellow.

Alces. Thorax doubly retuse: shield of the head slightly 2-horned, with a transverse raised line: body smooth, black.
Inhabits *Hungary*. Size of *Sc. taurus*.
Shield rounded, entire: *thorax* rounded, with 2 obsolete small teeth.

Gazella. Thorax brassy: hind-head with 2 arched horns: shells testaceous.
Inhabits *Guinea*: size of *Sc. taurus*.
Shield reflected, entire, black, with a raised streak in the middle: *thorax* edged round with yellowish, and impressed each side: shells striate: *thighs* testaceous, with a brassy spot.

Oryx. Shield with 2 erect horns before: shells grey.

Inhabits

Inhabits *China* : size of the last.

Antennæ pale testaceous : *shield* rounded, entire : *thorax* punctured, with a small gibbosity before : *shells* striate : *body* blackish : *legs* testaceous : *thighs* with a large brassy spot.

Tragus. Head with 2 very straight horns : body black.

Inhabits *China*. Size of the preceding ones.

Shield rounded, entire : *thorax* punctured, truncate before : *shells* striate.

Carnifex. Thorax angular, rough : horn of the head inflected : body brassy.

Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 6. fig. 46.

Body broad, depressed : like the dung-beetle forms round balls of excrement to deposit its eggs in.

Tridens. Thorax coppery : head 3-toothed at the base : shells black.

Inhabits *Africa*. *Olivier's Insects*, 1, 3. tab. 12. fig. 106.

Shield rounded, entire, black before, coppery behind, with a raised transverse streak across the middle and another 3-toothed one at the base : *thorax* rough, with raised dots : *shells* slightly striate.

Hispanus. Shield horned, emarginate : shells striate : second pair of thighs very remote.

Inhabits southern *Europe*. *Olivier's Insects*, 1, 3. t. 6. f. 47.

Mopsus. Black ; thorax rounded : horn of the head erect, very short.

Inhabits *India* : less than *Sc. nuchicornis*.

Shield rounded, black : *antennæ* testaceous.

Thorax black, immaculate : *shells* striate.

Spinifex. Thorax rounded : hind-head with a recurved spine.

Inhabits *Coromandel*. *Olivier's Insects*, 1, 3. tab. 12. fig. 112.

Shield rounded, entire, the spine as long as the thorax : *thorax* smooth, black : *shells* striate, black, with a green gloss.

Cænobita. Thorax retuse, green : horn of the head dilated at the base, nodding at the tip.

Inhabits *Germany*. *Olivier's Insects*, 1, 3. tab. 26. fig. 228.

Shield oval-green, polished, emarginate at the tip : *thorax* with an obsolete lateral raised spot : *shells* grey or testaceous sprinkled with black : *body* brassy-black.

- **Nuchi-*
cornis. Thorax rounded: hind-head with an erect spine: shield
emarginate.
Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 7. fig. 55.
Donovan's English Insects, viii. plate 255. fig. 2.
- Xiphias.* Thorax slightly pointed before: hind-head with an erect
spine: shield entire.
Inhabits *Saxony*: less than *Sc. nuchicornis*.
Shield rounded, entire, black: *thorax* rounded, black, immacu-
late: *shells* smooth testaceous, spotted with black: *female*
with 2 raised lines across the shield.
- **Nutans* Thorax impressed before: hind-head with an erect spine,
nodding at the tip: body black.
Inhabits *Saxony*. *Olivier's Insects*, 1, 3. tab. 21. fig. 188.
Donovan's English Insects, viii. plate 255. fig. 1.
Shield rounded, entire.
- Aeneus.* Thorax brassy: horn of the head erect, truncate.
Inhabits *Tranquebar*. *Olivier's Insects*, 1, 3. tab. 14. fig. 128.
Female with 2 tubercles on the thorax.
- Thoracicus* Thorax coppery, polished: horn of the head long, simple:
shells testaceous, with a black band.
Inhabits *Senegal*. *Olivier's Insects*, 1, 3. tab. 25. fig. 218.
Shield rounded, entire, the horn slightly recurved and as long
as the thorax: *shells* smooth.
- Scabrosus.* Thorax rugged: horn of the head erect, very short: shells
testaceous with black rough dots.
Inhabits *Surinam*. *Voet. Scarab. tab.* 25. fig. 23.
Shield coppery, truncate before: *thorax* dusky, variolous:
shells striate with raised black dots: *body* blackish.
- Furcatus.* Thorax rounded: head with 3 erect approximate horns,
the middle one shorter.
Inhabits *Europe*. *Oliver's Insects*, 1, 3. tab. 8. fig. 61.
Female, with a raised transverse line.
- Recticornis* Black; head with 2 erect horns: shield rounded.
Inhabits *Europe*. *Lesk. It. tab.* A. fig. 8. 9.
- **Verti-*
cornis. Thorax grey, dotted with black: horn of the head erect,
very short.

Inhabits

Inhabits *England*: less than *Sc. nuchicornis*.
Thorax rounded: *shells* smooth: *legs* pale.

Truncati- Brassy-black: *thorax* rounded: hind-head with a truncate
cornis. spine.

Female unarmed. *Schaller. Natur.* 1. p. 238.

Spiniger. Hind-head with an erect short spine: *shells* livid, with
confluent black spots.

Inhabits *Europe.* *Mus. Lesh.* p. 3. n. 47.

Sulcator. Black: head with a single tubercle: *shells* striate.

Inhabits *Cayenne.* *Olivier's Insects*, 1, 3. tab. 26. fig. 225.

Shield rounded, emarginate: *thorax* gibbous, smooth, with a
puncture at the base.

4-pustula- Head with 2 tubercles: *shells* with 2 red spots.
tus.

Inhabits *New Holland.* *Olivier's Insects*, 1, 3. tab. 19. fig. 141.

Body black: *shield* rounded: *thorax* gibbous, rounded, po-
lished: *shells* shorter than the abdomen, striate: *legs* black.

Reflexus. Black; head with 3 tubercles: *shield* reflected, emar-
ginate.

Inhabits *China*: size of *Sc. fossar.* *Shield* rounded.

Hybneri. Black; *shield* with 3 tubercles, the middle one slightly
horned.

Scarabæus Tages. *Olivier's Insects*, 1, 3. tab. 9. fig. 76.

Inhabits *Hungary*: size of *Sc. taurus.*

Shield rounded, entire: *thorax* and *shells* smooth.

Decem- *Thorax* with 3 tubercles before: *shells* testaceous, with a
punctatus transverse oblong-punctured band.

Inhabits *Hungary.* *Schaller. Natur.* 1. p. 237.

Cristatus. Black: *thorax* crenate: *shield* tuberculate, 4-toothed.

Inhabits *Egypt*: less than *Sc. laticollis.*

Thorax rounded, crenate at the edges: *shells* smooth: *legs*
hairy.

9-macula- Brown-testaceous: *shield* with 2 ridges, *shells* brown, with
tus. 9 bright testaceous spots.

Inhabits beyond *Europe.* *Mus. Lesh.* p. 3. n. 48.

++++ Thorax and head unarmed: scutellate.

- Longimanus*. Fore-legs arched, very long,
Inhabits India. *Olivier's Insects*, 1, 3. tab. 4. fig. 27.
Fore-thighs armed with a strong spine.
- **Stercorarius*. Black: shield rhombic: crown a little prominent: shells
grooved. *Dor. Clock beetle*.
Inhabits Europe. *Olivier's Insects*, 1, 3. tab. 5. fig. 39.
Donavon's English Insects, viii. plate 264. fig. 3.
Flies about in an evening in a circular direction with a loud
buzzing noise, and is said to foretel a fine day: was by the
Egyptians consecrated to the sun: is infested with the acarus
and ichneumon: body often with a blueish or greenish gloss,
sometimes brassy beneath: shells frequently dull rufous.
- **Vernalis*. Shells without streaks or punctures: shield rhombic: crown
a little prominent.
Inhabits Europe. *Olivier's Insects*, 1, 3. tab. 2. fig. 15.
Smells of musk, and like the last has an oval-ferruginous downy
spot at the base of the fore-thighs.
- Cordalis*. Black: thorax heart-shaped before, impressed, mucronate:
head with 2 tubercles.
Inhabits Guadeloupe: larger than *Sc. stercorarius*.
Shield emarginate: thorax rounded: shells punctured: shanks
toothed.
- Excavatus*. Thorax retuse, mucronate: shield reflected, entire.
Inhabits Naples. *Petagna, Inf. Calab. tab.* 1. fig. 6.
Melontha cornuta. *Olivier's Insects*, 1, 5. tab. 9. fig. 74.
Thorax smooth, black, polished: shells slightly striate, with a
pitchy dot at the base: body hairy, pitchy: thighs very
thick.
- Talpa*. Thorax mucronate before: shield with an elevated trans-
verse line, the tip reflected, emarginate.
Inhabits St. Bartholomew's island: larger than *Sc. juvenus*.
Thorax punctured, black, polished, with a small impressed dot
before the spine: shells striate, black: body hairy, pitchy.
- Juvenus*. Thorax impressed before and mucronate.
Inhabits America. *Olivier's Insects*, 1, 3. tab. 8. fig. 66.
Shield rounded, with a raised line across the middle: thorax
rounded, punctured, black: shells pitchy, with crenate stripes:
body hairy, pitchy.

Splendi-

Splendidus Shining green : shells striate.

Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 14. fig. 126.

Shield emarginate : *thorax* rounded, with a lateral impressed point each side : *shells* with crenate stripes : *thighs* toothed.

Veter. Rufous : head and thorax with a carinate raised line.

Inhabits *East India*.

Shield angular, rufous, the edge and abbreviated line black : *thorax* with 2 tubercles : *breast* hairy : *shells* striate, rufous.

Laborator. Black ; thorax punctured : shells striate : shield emarginate.

Inhabits *Brazil*. *Olivier's Insects*, 1, 3. tab. 14. fig. 132.

Body twice the size of the next, entirely black : *shield* emarginate : *thorax* irregularly dotted.

Arater. Black ; thorax smooth : shells punctured striate.

Inhabits the *Cape of Good Hope*.

Shield entire, a little rough : *antennæ* ferruginous : *fore-thighs* ferruginous.

Globator. Thorax and shells dusky-black, punctured,

Inhabits the *Cape of Good Hope* : beneath hairy.

Melolontha globator. *Olivier's Insects*, 1, 5. tab. 6. fig. 60.

Shield rounded, the edge reflected and crossed in the middle with a raised line : *thorax* with numerous dots.

7-maculatus. Dusky ; shells striate, pale, spotted with black.

Inhabits *Africa*. *Olivier's Insects*, 1, 3. tab. 14. fig. 134.

Shield rounded, entire, with a black spot in the middle : *thorax* dull rufous, with black dorsal spots.

Bipunctatus. Thorax black edged with red : shells red with a black spot.

Inhabits *Russia*. *Pallas, Insects*, 1. tab. A. fig. 12.

Edge of the *thorax* rufous with a black dot.

Rufipes. Black ; thorax glabrous, polished : shells striate : legs rufous.

Inhabits *Europe*. *Olivier's Insects* 1, 3. tab. 18. fig. 171.

Gagates. Black ; thorax slightly punctured : shells striate : legs black.

Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 24. fig. 213.

Shield rounded, entire, slightly reflected : *head* and *thorax* sub-punctured : *shells* immaculate.

Lutarius,

Lutarius. Black ; shells striate, pitchy.

Inhabits Germany : less than the last.

Thorax immaculate : *claws* rufous.

Blackburnii. *Thorax* black-brassy : shells striate, black.
Inhabits North America.

Shield rounded, crenate, a little prominent : *thorax* rounded, with an impressed dot each side.

Contaminatus. Black ; shells striate-grey with brown marks.
Inhabits Germany. *Herbst, Arch. tab. 29. fig. 13.*

Head immaculate : *shield* rounded, entire : *thorax* smooth, the fore and lateral edges with a slight tinge of yellow : *shells* crenate, with a large brown spot in the middle joined to a lesser one at the base : *legs* grey.

**4-maculatus.* Oblong, black ; spots on the outer corners of the shells and legs red.

Inhabits Europe. *Olivier's Insects, 1, 3. tab. 19. fig. 174.*

Donovan's English Insects, ii. plate 70. fig. 3.

Thorax glabrous, polished, dull rufous or black : *shells* obscurely striate : *legs* often black.

4-pustulatus. Oblong, black ; *thorax* immaculate : shells with 2 red spots : legs black.

Inhabits Saxony : less than the last.

Head and *thorax* smooth, immaculate : *shells* striate : *legs* entirely black.

Sus. Oblong ; dull rufous : shells testaceous spotted with black.
Inhabits Germany. *Olivier's Insects, 1, 3. tab. 1. fig. 14.*
Body polished : *shells* with minute dots.

Elevatus. Gibbous, black ; shells striate punctured : *shield* emarginate.

Inhabits Provence. *Olivier's Insects, 1, 3.*

Club of the *antennæ* ferruginous : *thorax* punctured at the sides.

Plagiatus. Black ; shells with a reddish stripe.

Inhabits Sweden. *Olivier's Insects, 1, 3. tab. 25. fig. 215.*

Shells sometimes entirely black.

Marginellus. Black ; edge of the *thorax* and shells testaceous.
Inhabits Coromandel. *Olivier's Insects, 1, 3. tab. 13. fig. 116.*

Shield

Shield rounded, entire, black, with a dull rufous band in the middle : *thorax* black, polished : *shells* crenate striate : *legs* pitchy.

Nigellus. Black ; *shells* striate, the edge and band on the hind-part ferruginous.

Inhabits *Kamtschatka* : small.

Scarabæus fasciatus. *Olivier's Insects*, 1, 3. tab. 14. fig. 130.

Head black, immaculate : *thorax* smooth, black, the fore-edge a little yellowish.

**Testudinarius.* Black ; *shells* pitch, grooved, with ferruginous dots.

Inhabits *England*. *Olivier's Insects*, 1, 3. tab. 20. fig. 186.

Donovan's English Insects, ii. plate 70. f. 1.

Shield rounded, emarginate : *thorax* rough, black : dots on the *shells* disposed in pairs : *legs* pitchy.

Scrofa. Oblong, black ; *shells* brown, substriate.

Inhabits *Saxony* : small.

Head and *thorax* black : *shells* dusky.

Quisquilius Black ; *shells* livid with a black suture.

Inhabits *Europe* : size a millet seed.

Olivier's Insects, 1, 3. t. 18. f. 170. *Fablonfk.* 2. t. 18. f. 15.

Merdarius Shells testaceous with a black suture.

Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 19. fig. 173.

Distinct from the last and twice as large.

Pecari. Black, polished ; *shells* striate, rufous, with a black suture : *legs* rufous.

Inhabits *Hungary* : small.

Suture forming a black spot in the middle.

Depressus. Black, polished : *shells* striate, rufous : *legs* black.

Inhabits *Germany*. *Schneid. Magaz.* 2.

Larger than the last : *shells* immaculate.

Arcuatus. Black, polished : *shield* rufous before : *shells* punctured striate, the suture, marginal dot at the base and abbreviated band inflected towards the suture reddish.

Inhabits *Salzburg*. *Moll. Natur.* 1. p. 160. n. 7.

Abdomen yellowish : *feelers*, *antennæ* and *legs* ferruginous.

Porcatus. Brown ; *shells* with longitudinal raised lines.

Inhabits

Inhabits Saxony. *Olivier's Insects*, 1, 3. tab. 19. fig. 128.

Body small, dull-brown: *shells* deeply grooved, the grooves transversely striate.

Stercorator Black; shells striate crenate: shield emarginate.

Inhabits America. *Olivier's Insects*, 1, 3. tab. 17. fig. 155.

Shield smooth, black: *thorax* smooth, palish at the fore-edge: shells grooved.

Asper. Head and thorax transversely grooved: shells striate.

Inhabits Europe. *Olivier's Insects*, 1, 3. tab. 23. fig. 204.

Small: shield emarginate: legs reddish.

Rufus. Rufous: shells striate.

Inhabits Sweden: small.

Head punctured, rufous, crossed with a black streak: *thorax* punctured, with a dot each side: shells immaculate.

Arenarius. Black; shells striate: flanks pitchy.

Inhabits Sweden. *Olivier's Insects*, 1, 3. tab. 24. fig. 206.

Fætidus. Black; shells rufous with crenate stripes.

Inhabits Germany: small.

Head immaculate: *thorax* polished with a marginal rufous spot: shells rufous, the scutell black: legs black; claws rufous.

Interpunctatus. Black; shells dirty-yellow, with black grooves, the intermediate space varied with alternate, black, oblong spots.

Herbst, Arch. Insect. 4. p. 9. A. 27. tab. 19. fig. 11.

Inhabits Berlin, on cow-dung.

Varius. Black; shells half yellow.

Herbst, Arch. Insect. A. 27. tab. 19. fig. 11.

Inhabits with the last which it very much resembles, and of which it is perhaps a variety.

Minutus. Black, striate: shells and legs tawny.

Herbst, Arch. Insect. 1. p. 10. n. 32.

Inhabits Berlin: size of *Sc. quisquilius*:

Oblongus. Shield hollowed: shells grooved: body oblong.

Inhabits Germany. *Magaz. Entom.* 1. p. 371:

Lævis. Black; thorax smooth: shells striate.

Inhabits Europe. *Mus. Lesh.* p. 2. n. 35.

Dichrous:

Dichrous. Black, smooth: outer edge of the thorax, shells and legs testaceous.

Inhabits *Europe*. *Mus. Lesh. p. 2. n. 35.*

+++++ *Thorax and head unarmed: exscutellate.*

Sacer. Shield 6-toothed: thorax crenulate: hind-shanks ciliate: shells smooth.

Olivier's Insects, 1, 3. tab. 8. fig. 59.

Inhabits southern *Europe* and *Asia*: rolls up balls of cowdung in which are inclosed its eggs: was held sacred by the Egyptians.

Laticollis. Black; shield 6-toothed: shells grooved:

Inhabits *Europe* and *China*. *Olivier's Insects, 1, 3. t. 8. f. 68.*

Semipustulatus. Black; shield 6-toothed: thorax punctured: shells smooth.

Scarab, semipunctatus. *Fabric. 1. 1. p. 63.*

Inhabits *Barbary*: resembles the next.

Variolosus. Shield 6-toothed: shells black with variolous impressed dots.

Inhabits *Austria*. *Olivier's Insects, 1, 3. tab. 8. fig. 60.*

Thorax ciliate: *fore-shanks* strongly toothed, the others hairy.

Miliaris. Shield 6-toothed: shells black with raised blacker dots.

Inhabits *India*: small. *Olivier's Insects, 1, 3. t. 18. f. 164.*

Thorax dusky, with raised black polished spots; and an impressed point each side.

Morbillosus. Shield 6-toothed: thorax punctured: shells striate punctured: hind-shanks hairy.

Inhabits *Germany*: 4 times as small as *Sc. sacer*.

Shield rounded: *thorax* rounded, ciliate: *fore-shanks* 3-toothed, hind ones ciliate, hairy.

Profanus. Shield 6-toothed: body black-blue: shells smooth.

Inhabits *Guinea*: small,

Shield short, the middle teeth longer: *thorax* and *shells* nearly smooth: *legs* blue.

Bacchus. Shield 4-toothed: gibbous, thorax and shells glabrous: shanks serrate all sides.

Olivier's Insects, 1, 3, 153, 186. tab. 17. fig. 161.

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Inhabits

Inhabits the *Cape of Good Hope* : large, gibbous.

Shield projecting, the teeth obtuse : *thorax* elevated, black, margined all round : *shells* black : *shanks* all toothed.

Gibbosus. *Shield* 4-toothed : *shells* with a gibbosity at the base.

Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 16. fig. 151.

Body black, opake : *shield* rounded : *feelers* and knob of the *antennæ* ferruginous : *thorax* glabrous, notched before, the sides angular, rounded behind : *shells* shorter than the abdomen, smooth : *thighs* black with a ferruginous spot at the base : *hind-legs* longer, incurved.

Hollandiæ. *Shield* 4-toothed : *shells* grooved.

Inhabits *New Holland*. *Olivier's Insects*, 1, 3. t. 13. f. 117.

Body black : *thorax* subpunctured.

Indicus. Dull coppery, beneath black : *shield* emarginate.

Scarabæus *Leei*. *Fabricius*, 1. 1. p. 65.

Inhabits *East India* : *hind-shanks* serrate.

Muricatus *Thorax* 1-toothed each side before : *shells* striate with spines : legs long.

Olivier's Insects, 1, 3. tab. 27. fig. 250.

Inhabits *America* : larger than *Sc. Kænigii*.

Shield a little emarginate : *shells* short.

Kænigii. *Shield* 2-toothed : *thorax* rough : *shells* variolous.

Inhabits *Tranquebar*. *Olivier's Insects*, 1, 3. tab. 9. fig. 77.

Thorax rounded, with a small hollow behind : *shells* variolous or striate.

Granulatus. *Body* covered with cinereous down : *thorax* and *shells* with raised black dots : *shield* emarginate.

Olivier's Insects, 1, 3. tab. 8. fig. 67.

Is probably only a variety of the last.

Cupreus. Black-coppery : *shield* emarginate : *thorax* gibbous.

Inhabits *Africa*. *Olivier's Insects*, 1, 3. tab. 7. fig. 58.

Thorax with 2 impressed dots before, rounded behind.

Flagellatus Black ; *shield* emarginate : *thorax* and *shells* rough.

Olivier's Insects, 1, 3. tab. 7. fig. 51.

Inhabits the *Cape of Good Hope* and southern *Europe*.

Shield rounded : *thorax* gibbous, rounded : *shells* with raised spots disposed in lines.

Scabratus.

- Scabratus.* Black ; shield emarginate : thorax smooth : shells rough.
Inhabits the *Cape* : half the size of the last.
- Schæfferi.* Thorax rounded : shield emarginate : shells triangular :
hind-thighs long, toothed.
Olivier's Insects, 1, 3. tab 5. fig. 41.
Inhabits warm banks of *Germany* : deposits its eggs in round
balls of cow-dung which it rolls up with its hind-feet and
buries.
- Volvens.* Black, opaque, smooth : thorax rounded behind : shield
emarginate : shells entire.
Olivier's Insects, 1, 3. tab. 10. fig. 89.
Inhabits *Europe*, and like the last rolls up balls of dung.
- Pillularius* Black, opaque, smooth : shield subemarginate, with 2 raised
oblique lines.
Inhabits *Europe*. *Olivier's Insects*, 1, 3. tab. 10. fig. 91.
Body beneath brassy : thorax rounded behind.
- Obliquus.* Brown ; thorax brassy, obliquely retuse each side : shield
entire.
Inhabits *Senegal*. *Olivier's Insects*, 1, 3. tab. 9. fig. 78.
Shield rounded, polished, brassy : thorax with an oblique edge
before : shells striate brown.
- Squalens.* Black ; shield emarginate : shells striate.
Scarab. squalidus. *Fabricius*, 1. 1. p. 68.
Inhabits *Brazil* : size of *Sc. Schreberi*.
Head and thorax smooth, polished : shield emarginate, the
lobes rounded.
- Schreberi.* Black, glabrous : shells with 2 red spots.
Inhabits *Saxony*. *Olivier's Insects*, 1, 3. tab. 19. fig. 176.
Size of *Sc. nuchicornis* : thighs red.
- Calcaratus* Head shielded, emarginate : hind-thighs toothed.
Inhabits *Egypt*. *Gmêlin*, 1, 4. p. 1556.
- Glaber.* Glabrous, black ; legs dull rufous.
Scarab. glabratus. *Fabricius*, 1. 1. p. 68.
Inhabits *Barbary* : body roundish, glabrous.

- 2-pustulatus.* Black ; shells with a rufous spot at the base.
Inhabits *New Holland*. *Olivier's Insects*, 1, 3. t. 13. f. 118.
- Pallipes.* Head and thorax variegated with pale and green : legs pale.
Inhabits *Coromandel* : small.
Shield unequal, entire : thorax rounded : shells substriate, dusky : antennæ pale.
- Triangulatus.* Black ; edge of the thorax and thighs pale : shield emarginate.
Inhabits *Surinam*. *Olivier's Insects*, 1, 3. tab. 15. fig. 139.
- Linealis.* Testaceous ; shield 2-toothed : head and dorsal line on the thorax black.
Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 2. fig. 18.
Antennæ yellow : thorax polished : shells hardly striate.
- Cinctus.* Black ; margin of the shells pale : shield emarginate.
Inhabits *China*. *Olivier's Insects*, 1, 3. tab. 10. fig. 90.
Thorax smooth, polished : shells with crenate stripes, pale at the edge.
- 6-punctatus.* Brown ; thorax grey with 6 black dots : shield entire.
Inhabits *Cayenne*. *Olivier's Insects*, 1, 3. tab. 10. fig. 16.
Shells abbreviated, smooth : body grey.
- Flavipes.* Blackish ; edges of the thorax, shells and legs yellowish.
Inhabits *Germany*. *Olivier's Insects*, 1, 3. tab. 7. fig. 57.
- Smaragdulus.* Brassy, polished ; shield 2-toothed.
Inhabits *America*. *Olivier's Insects*, 1, 3. tab. 14. fig. 131.
Shield with 2 obtuse teeth : shells obtuse, smooth.
- Discoideus.* Blackish ; shield 2-toothed : shells testaceous, with a common brown spot.
Inhabits *Africa*. *Olivier's Insects*, 1, 3. tab. 14. fig. 131.
Body small : shells striate.
- Minor.* Black ; shield 6-toothed : hind-legs long.
Inhabits the *Cape*. *Olivier's Insects*, 1, 3. tab. 19 fig. 177.
Less than the next : body totally black.

**Ovatus*. Black; thorax rounded, 6-toothed: shells abbreviated.
Inhabits *Europe*: small. *Oliviers Insects*, 1, 3. t. 20. f. 187.

Amazonus. Testaceous; thorax with 2 black blotches: shells with a brown callus on the outer edge.
Inhabits *Surinam*. Body smooth.

Crucifer. Thorax a little downy, greenish: shells pale yellow, shorter than the body, marked with a double-beamed black cross.
Inhabits *Siberia*. *Lepech*. 1. p. 240. tab. 16. fig. 14.
Body beneath black, downy.

Ceruleus. Entirely blue, oblong: beneath darker.
Inhabits *Siberia*: small. *Lepech*. 1. p. 313. tab. 19. fig. 2.

Uralensis. Green; shells yellow, shorter than the body, pointed at tips.
Inhabits *Siberia*. *Lepech*. 1. p. 313.
Body covered beneath with white down: shells with whitish lines from the middle to the tips.

*Strictop-
terus*. Black; shells narrow, striate.
Inhabits *Europe*. *Mus. Lesh*. p. 3. n. 32.

Guttatus. Black; thorax rounded, with smooth raised dots: shield impressed, bifid at the tip: shells deeply crenate striate with oblong spots composed of yellow hairs.
Inhabits ——— *Mus. Lesh*. p. 3. n. 53.

b. *Mandible arched, slightly toothed: abdomen naked at the end, obliquely truncate.* *Melolontha*.

Stigma. Rusty-brown; shells with an oblong snowy mark near the tip.
Inhabits *Java*. *Fabric. Append.* 4. 45.
Body very large: shield hardly reflected: legs black.

**Fullo*. Testaceous spotted with white: scutel with a double white spot: antennæ 7-leaved.
Donovon's English Insects, Vol. iv. plate 112.
Olivier's Insects, 1, 5. tab. 3. fig. 28.
Inhabits sandy coasts of *Europe* and *Barbary*, and is the largest coleopterous insect ever found in *England*, except the *Lucanus cervus*.

Serratus.

Serratus. Dull testaceous; shield emarginate: thorax ferrate on the edge.

Inhabits *Coromandel*. *Olivier's Insects*, 1, 5. tab. 1. fig. 5.

Shield brown, elevated at the tip: thorax smooth, dull testaceous, ferrate at the edge with black teeth: shells with a few obsolete raised lines.

**Melolontha.* Testaceous; thorax hairy: tail inflected: a triangular white spot at each incisure of the abdomen.

Tree beetle. Cockchaffer.

Donovan's English Insects, viii. plate 264. fig. 2.

Olivier's Insects, 1, 5. tab. 1. fig. 1.

Inhabits in great numbers the northern part of *Europe*, and is the most mischievous of all European insects: the grub is soft and grey with testaceous head and legs, remains in the earth 3 years before it is transformed into the perfect insect, and devours the roots of corn and other vegetables, sometimes laying waste a large tract of country: the beetle sticks to trees the leaves of which it feeds upon, and is eagerly sought after and devoured by swine, bats, crows and poultry: if they appear in the autumn in considerable quantities they are said to forerun epidemic disorders.

Varies annually in having the thorax rufous and black: the male is distinguished by a pointed inflected tail.

Villosus. Testaceous; shield margined, reflected: body beneath downy: scutel white.

Inhabits southern *Europe*. *Olivier's Insects*, 1, 5. t. 1. f. 4.

Size of the last: shield larger and broader than in others, reflected at the tip: thorax rounded, black, with ferruginous down: shells testaceous: body beneath covered with a thick white down.

Pilosus. Downy, blackish: shield reflected, slightly emarginate: antennæ ferruginous.

Inhabits *Hungary*: less than the last.

Scutel broad, slightly emarginate.

Occidentalis. Testaceous; thorax downy: shells with 4 snowy lines.

Inhabits *Europe*. *Olivier's Insects*, 1, 5. tab. 1. fig. 7.

Fervidus. Glabrous, testaceous: shield emarginate.

Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 4. fig. 32.

Body testaceous with a blueish cast.

Reflexus?

- Reflexus.* Glabrous, testaceous: shield reflected.
Inhabits *Africa*: a little less than the last.
- Alopec.* Body covered with tawny down: shield reflected, emarginate: shells smooth, black.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 4. fig. 35.
Shield rounded, smooth: shells immaculate.
- Tomentosus* Cinereous, hairy: shells black: shield reflected, entire.
Inhabits *East India*: size of the last.
Shield rounded: shells punctured, black.
- *Solstitialis.* Testaceous; thorax downy: shells pale yellow with 3 paler parallel lines.
Olivier's Insects, 1, 5. tab. 2. fig. 8, 11.
Inhabits *Europe*, and appears later than the blind beetle, generally about the summer solstice.
- Candidus.* Shield rounded; body downy-white.
Inhabits *East India*. *Olivier's Insects*, 1, 5. tab. 8. fig. 98.
Shells with a snowy dot near the tip.
- Ater.* Shield reflected: body downy black: antennæ ferruginous.
Inhabits *Europe*. *Olivier's Insects*, 1, 5. tab. 2. fig. 10.
Shield rounded, entire: thorax rounded, downy: shells striate: breast covered with white down: legs black.
- Æquinoctialis.* Downy-testaceous: shield slightly reflected.
Inhabits *Hungary*. *Olivier's Insects*, tab. 2. fig. 11, 6.
Body covered with ash-coloured down: antennæ rufous.
- Pini.* Black; shield, sides of the thorax, shells and legs pale.
Inhabits *Barbary*: resembles *Sc. solstitialis*.
Head black: shield pale, slightly reflected: thorax black, with a broad pale edge: shells with raised lines: thighs toothed.
- 2-maculatus.* Oblong, glabrous, testaceous: spot each side the thorax and abdomen yellow.
Inhabits *China*. *Olivier's Insects*, 1, 5. tab. 5. fig. 45.
Shells hardly striate: abdomen with a testaceous spot on the last segment: legs yellowish.

Atriplicis. Oblong, downy, pale: future and tip of the shells black: shield reflected.

Inhabits Barbary. *Olivier's Insects*, 1, 5. tab. 8. fig. 99.

Shield rounded, reflected: thorax immaculate: shells nearly smooth: legs pale, tarsi brown.

Oblongus. Oblong, smooth, black: shells obscurely striate.

Inhabits Germany. *Olivier's Insects*, 1, 5. tab. 4. fig. 34.

Body dark brown: eyes testaceous: stripes down the shells by pairs, approximate.

Ruficornis. Downy, testaceous: abdomen whitish.

Inhabits Germany. *Voet. Coleopt.* tab. 6. fig. 50.

Head blackish: antennæ rufous: shells immaculate: thorax and breast with thick white down: tail blackish: legs black.

Lanigerus. Beneath woolly: head and thorax golden: shells pale yellow.

Inhabits India. *Olivier's Insects*, 1, 5. tab. 4. fig. 49.

Shield truncate, obtuse: sternum sharp before.

Longicornis. Above smooth, black: shells ferruginous: club of the antennæ elongated.

Inhabits the Cape of Good Hope: size of the last.

Shield rounded, entire: club of the antennæ with 3 projecting leaves: thorax immaculate: body beneath with tawny down: abdomen smooth.

Punctatus. Testaceous; shells with 3 brown distant spots.

Inhabits America. *Olivier's Insects*, 1, 5. tab. 1. fig. 6.

Claws curved and very sharp.

Viridis. Body smooth: above green, beneath golden.

Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 3. fig. 21, 6.

Sternum slightly projecting.

Aeneus. Smooth, brassy; sides of the abdomen white: shells pointed.

Inhabits New Holland.

Body above brassy, polished, immaculate, beneath inclining to blueish: edges of the breast and abdomen rough, with white hairs: scutell rounded: thighs with a line of impressed dots.

Sutura.

- Sutura.* Green ; future of the shells yellowish.
Inhabits *New Zealand*. *Olivier's Insects*, 1, 5. tab. 7. fig. 80.
Edges of the *thorax* a little yellowish, obtusely angled behind :
shells smooth, substriate : *breast* and *abdomen* covered with
white down : *sternum* projecting, pointed : *legs* green, *tarsi*
ferruginous.
- Bicoloratus.* Smooth, green, beneath testaceous : legs golden at the ends.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 7. fig. 86.
Body above green, smooth, opaque, immaculate, beneath dull
testaceous with a brassy tinge : *thighs* paler, *shanks* and *tarsi*
golden.
- Barbatus.* Smooth, black, polished : last segment of the abdomen
bearded, a little prominent.
Inhabits *India*.
- Elatus.* Smooth, testaceous : head, future of the shells and hind-
shanks black : shield reflected.
Inhabits *Tranquebar* : size of *Sc. punctatus*.
Head black : *shield* and eyes whitish : *thorax* with a small
brown spot each side : *scutel* testaceous edged with black :
shells smooth : *legs* testaceous, *hind-shanks* black.
- Dorsalis.* Smooth, testaceous : back of the thorax and shells black.
Inhabits *Tranquebar* : less than *Sc. solstitialis*.
Head black : sides of the *thorax* testaceous with a black dot :
shells with a common broad dorsal black line : *legs* testaceous ;
hind-shanks black.
- Glacialis.* Smooth, pitchy : antennæ and legs testaceous.
Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 6. fig. 61.
Body dusky : *shield* emarginate.
- Luridus.* Thorax black, with a pale margin : shells grey spotted
with black.
Head black : *shield* nearly entire : *legs* black.
- Striatus.* Smooth, brassy : shells striate, the future and 4 lines coppery.
Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 6. fig. 65.
Shells with 10 grooves : *body* beneath and *legs* black.
- Tristis.* Thorax downy, dusky : shells smooth, testaceous : scutel white.
Inhabits *North America*.
Scutel rounded : *body* dusky.

Testaceus. Smooth, testaceous; head more dusky: shells striate.

Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 5. fig. 49.

Lip emarginate: *thighs* with a black spot.

Hirticollis. Hairy, black: shells punctured, smooth, rufous.

Inhabits *Africa*.

Shield rounded, reflected, black shells smooth.

Pallidus. Smooth, testaceous: head and suture of the shells black.

Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 9. fig. 103.

Head rounded, black; *mouth* paler: shells substriate: *legs* pale, black at the tips.

Ruficollis. Smooth, punctured, ferruginous: shells testaceous.

Inhabits *Coromandel*. *Olivier's Insects*, 1, 5. tab. 9. fig. 111.

Shield rounded, entire, with 2 raised lines across the middle: *thorax* very much punctured: shells smooth, punctured.

Pustulosus. Downy, black: thorax and shells variolous.

Inhabits the *Cape*. *Melolontha variolosa*. *Fabricius*.

Body above black, with impressed cinereous dots, beneath downy: *shield* rounded, reflected, with a raised line across the middle.

Signatus. Smooth, pale: 2 lines on the thorax and 3 spots on the shells black.

Inhabits *Jamaica*. *Degeer*, 4. tab. 19 fig. 6.

Head black at the base: *shield* entire: shells smooth, the spots 2, 1: *body* beneath pale; *abdomen* black: *fore-shanks* compressed at the tips, toothed: *tarsi* spinous at the base and tips.

Marginellus. Smooth, brassy: shells testaceous, the suture and outer margin brassy.

In the Museum of Sir *Joseph Banks*.

Head and *thorax* punctured, polished: *shield* more dusky at the margin: *scutellum* brassy: shells slightly punctured, striate: *shanks* toothed.

Cæruleocephalus. Smooth, black-blue: shells testaceous with a ferruginous suture.

In the Museum of Sir *Joseph Banks*.

Olivier's Insects, 1, 5. tab. 6. fig. 59.

Shield slightly reflected: *thorax* smooth, black-blue, the outer edge testaceous: shells hardly striate: *body* dusky.

* *Brunneus*.

- **Brunneus* Smooth, testaceous: shells striate: thorax with a dot each side.
Inhabits *Europe*. *Olivier's Insects*, 1, 5. tab. 4. fig. 33.
Larva soft, whitish, with testaceous head and legs.
- Melanocephalus*. Smooth, reddish: head black: shells pale.
Inhabits *Brazil*. *Olivier's Insects*, 1, 5. tab. 7. fig. 83.
Shield rounded, reflected, black: orbits of the eyes whitish:
thorax polished: *scutel* rufous: shells smooth: *body* beneath
and legs pale.
- Erythrocephalus*. Smooth, pale: head rufous, black at the base.
Inhabits *Coromandel*. *Olivier's Insects*, 1, 5. tab. 7. fig. 80.
Body smooth, immaculate.
- Mixtus*. Blackish; thorax pale, with 2 black spots.
Inhabits the hottest parts of *Africa*.
Head black; eyes white: *thorax* smooth: shells pale mixed
with yellow: *thighs* testaceous.
- Obscurus*. Dull pitchy, immaculate, covered with erect short white hairs.
Inhabits *Africa*. *Olivier's Insects*, 1, 5. tab. 6. fig. 64.
- Rufus*. Smooth, reddish: shells testaceous: shield 5-toothed.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 9. fig. 70.
Shield reflected: *body* beneath with whitish hairs.
- Festivus*. Above smooth, green: dorsal line on the thorax and suture
of the shells dark brown.
Inhabits *New Zealand*. *Olivier's Insects*, 1. 5. t. 5. f. 48.
Shield emarginate: *antennæ* ferruginous, the knob blackish:
shells polished, with 9 grooves: *body* beneath testaceous with
whitish down: *sternum* projecting, slightly horned.
- Latus*. Above smooth, golden: dorsal line on the thorax and *scutel*
blood-red.
Inhabits *New Zealand*. *Olivier's Insects*, 1, 5. tab. 6. fig. 56.
Suture the same colour as the shells.
- Holofericeus*. Above green, silky, beneath coppery: shells with 4 raised
lines.
Inhabits southern parts of *Russia*.
- Ianthinus*. Pale violet; outer edge of the thorax, shells, abdomen and legs
legs testaceous: tail violet-brown: thighs violet before.
Inhabits *Europe*. *Mus. Lesh. p. 3. n. 62.*

- Coriarius*. Violet-brown: thorax yellow-brown: shield reflected at tip: shells testaceous.
Inhabits *Europe*. *Mus. Lesh. p. 4. n. 72.*
- Iulii*. Brassy-green: shells substriate, dusky.
Inhabits *Germany*: legs, blackish.
Shells sometimes greenish, sometimes testaceous.
- Nigritus*. Smooth, black; shield reflected: shells obscurely striate.
Inhabits *America*: size of the last.
Shield rounded, black, immaculate: body black.
- **Frishii*. Brassy-black, polished: shells testaceous.
Inhabits *Germany*. *Olivier's Insects, 1, 5. tab. a. fig. 69.*
Shells testaceous, with a brassy tinge.
Varies in having the shells testaceous brassy or blue.
- **Vitis*. Green; sides of the thorax yellow.
Olivier's Insects, 1, 5. tab. 2. fig. 12.
Inhabits *Europe* and *America*, on the vine.
Shells vary in colour: thorax edged with yellow.
- Cardui*. Smooth; brassy-green: abdomen rufous, with cinereous down.
Inhabits *Africa*. *Olivier's Insects, 1, 5. tab. 8. fig. 90.*
Head and thorax immaculate: shells hardly striate: body blue.
- Serratulæ*. Downy, green: shells ferrate, pointed: hind-thighs thickened.
Inhabits *Barbary*: size of the last.
Head green; mouth and antennæ brown; thorax punctured, polished, green: shells ferrate on the outer edge, with numerous sharp, black denticles: body beneath downy, coppery: abdomen subtestaceous.
- Levi*. Green, brassy, polished: shells with 2 golden fillets.
Inhabits *East India*. *Olivier's Insects 1, 5. tab. 8. fig. 37.*
Head with a bright golden spot: body beneath golden: abdomen subtestaceous at the end.
- **Errans*. Testaceous: thorax with 2 black spots: legs rufous.
Inhabits *England*. *Olivier's Insects, 1, 5. tab. 8. fig. 92.*
Size of *Sc. horticola*: varies in having the thorax sometimes testaceous, immaculate, rarely black with a testaceous edge: shells sometimes edged with black.

Umbrosus. Subtestaceous with grey down : legs testaceous.

Inhabits *Guinea* : size of *Sc. brunneus*.

Shield rounded, entire, the edge a little reflected.

Rupicola. Downy, greenish : head black.

Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 6. fig. 70.

Body small, beneath cinereous.

Innubus. Smooth, black ; edge of the thorax, abdomen and thighs testaceous.

Small, polished. *Olivier's Insects*, 1, 5. tab. 8. fig. 93.

Head black : *mouth* and *antennæ* yellow : *thorax* punctured : *shells* substriate, immaculate.

Elongatus. Head and thorax black : shells a little polished : body testaceous.

Body small, but longer than most others : *antennæ* pale testaceous : *shells* green, with a testaceous margin : *body* covered with cinereous down : *legs* testaceous.

Raucus. Shield reflected : thorax and shells punctured brassy-black.

Inhabits *Coromandel*. *Olivier's Insects*, 1, 5. tab. 6. fig. 62.

Shield punctured, black : *shells* with an elevated line or two : *body* black.

Ferrugineus. Rufous : thorax and shells with scattered punctures.

Inhabits *Coromandel*. *Olivier's Insects*, 1, 5. tab. 7. fig. 82.

Resembles the last, but is only half the size.

Splendidus. Black ; shells with an abbreviated golden band.

Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. —. fig. 50.

Small : *shield* punctured, black, emarginate at the tip : *thorax* punctured, immaculate : *shells* punctured, with an oblong oval spot or band.

Aulicus. Coppery, polished : shield emarginate.

Inhabits *Africa*. *Olivier's Insects*, 1, 5. tab. 7. fig. 81.

Head widely emarginate : *thorax* punctured, polished : *shells* punctured, polished.

Arbicola. Black, rough : shells striate, testaceous.

Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 9. fig. 102.

Head and *thorax* with cinereous down : *shells* a little blackish at the outer edge : *legs* with a coppery tinge.

**Horticola*. Head and thorax blue, hairy : shells testaceous : legs black.

Olivier's

Olivier's Insects, 1, 5. tab. 2. fig. 17.

Inhabits gardens and orchards of *Europe*: the grub is very destructive to the roots of cabbages, and the beetle to the apple tree.

Abdominalis. Head and thorax blue, hairy: shells testaceous: abdomen covered with white down.
Inhabits *Italy*. *Antennæ* testaceous: legs black.

Floricola. Black-blue, smooth: shells rufous: abdomen with fasciculate white dots: shield reflected.
Inhabits *Africa*. *Herbst, Arch. tab. 20. fig. 8.*
Shells rarely black.

Arvicola. Hairy: shield reflected: thorax blueish: body black.
Inhabits *Russia*. *Olivier's Insects*, 1, 5. tab. 7. fig. 84.
Resembles *Sc. horticola*: shells black.

Praticola. Thorax a little hairy, varied with yellow and black: shells testaceous.
Inhabits *Siberia*. *Olivier's Insects*, 1, 5. tab. 7. fig. 74.
Shield hardly reflected: scutell black: shells pale testaceous sometimes with a black band in the middle.

Fruticola. Head and thorax covered with blue down: shells livid: shield reflected at the tip.
Inhabits *Europe*. *Olivier's Insects*, 1, 5. tab. 2. fig. 13.
Female with a large square black spot on the shells and surrounding the scutell.

Agricola. Thorax downy: shells livid, with a black border and band: shield reflected at the tip.
Inhabits *Germany*. *Olivier's Insects*, 1, 5. tab. 2. fig. 19.
Band on the shells sometimes obsolete.

**Ruricola*. Black, silky: shells rufous, surrounded with a black edge.
Inhabits *England*. *Olivier's Insects*, 1, 5. tab. 3. fig. 25.
Shells sometimes dusky with a darker edge.

Atomarius. Minutely speckled with white: thorax caniculate, black: shells brown: abdomen white, with lateral black dots.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 5. fig. 52.
Shells brown powdered with white specks: abdomen snow-white with a line of black dots each side.

- Farinosus*. Black, covered with blue scales: shells abbreviated: shield entire.
Inhabits Europe. *Olivier's Insects*, 1, 5. tab. 2. fig. 14. a. c.
Body above blue, polished: thorax broad: when put into hot water the blue changes to a very vivid green.
- Squamosus*. Above green, scaly, beneath pale, polished: head brown.
Inhabits Germany. *Olivier's Insects*, 1, 5. tab. 2. fig. 14, 6.
- Aulicus*. Scaly; above yellow, beneath cinereous, head black.
Inhabits Africa. *Olivier's Insects*, 1, 5. tab. 9. fig. 106.
Hind-legs long, 1-clawed.
- **Argentens*. Black, beneath silvery, polished: shells testaceous.
Inhabits England. *Olivier's Insects*, 1, 5. tab. 8. fig. 22.
Shells shorter than the body, gibbous behind: legs testaceous, the hind-ones elongated.
- Gramini-cola*. Body covered with silvery scales: shield reflected.
Inhabits Germany. *Herbst, Arch.* tab. 25. fig. 3.
Head brown; shield rounded: antennæ testaceous, the club brown: thorax brown, scaly: legs blackish.
- Chrysomelinus*. Downy, dull ferruginous: antennæ and legs testaceous.
Inhabits Austria. *Schrank. Ent.* 16, 25.
Head brown: antennæ 3-leaved: thorax dusky: shells striate inclining to reddish: legs ferruginous.
- Cinctus*. Brassy-black, polished: shells brown, edged with black.
Inhabits Guadeloupe. *Olivier's Insects*, 1, 5. tab. 3. fig. 23.
Small: head and thorax immaculate: legs spinous, black.
- Proboscideus*. Hairy, black: shield projecting, slightly reflected: shells testaceous, edged with black.
Inhabits India. *Olivier's Insects*, 1, 5. tab. 8. fig. 96.
Shield entire: head and thorax black, covered with cinereous down.
- Spinipes*. Black, immaculate: hind-legs elongated, thighs 1-spined at the base.
Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 6 fig. 63.
Shield elevated at the tip, dusky: thorax and shells opaque: hind-thighs with a strong sharp spine at the inner base.
- Dentipes*. Black; shells testaceous: shield 4-toothed: hind-thighs and flanks spinous.

Inhabits

Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 6. fig. 66.
 Head and thorax black, downy: hind-thighs 1-spined, shanks
 2-spined.

Podagri- Black; shield 3-toothed: hind-thighs and shanks toothed.
-cus. Inhabits Coromandel. *Olivier's Insects*, 1, 5. tab. 5. fig. 51.
 Head and thorax immaculate: shells smooth, with a black and
 a grey spot: hind-thighs 1-spined at the inner tip, shanks
 with a short spine at the base and a long one at the tip.

Arthruti- Black; shells grey: shield 3-toothed: hind-thighs and
-cus. shanks thick, nearly unarmed.
 Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 5. fig. 44.
 Head and thorax immaculate: abdomen black, spotted with
 white each side: hind-thighs and shanks thick, compressed.

Gonager. Grey; legs rufous: hind-thighs thick, unarmed.
 Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 6. fig. 68.
 Less than the last. Shield nearly 2-toothed: abdomen retuse,
 black: tarsi black, with arched claws.

Crassipes. Black, spotted with white: hind-legs long and very thick.
 Inhabits the Cape. *Olivier's Insects*, 1, 5. tab. 2. fig. 15.
 Shield slightly emarginate: thorax rounded, the edge and a
 few minute dots white: abdomen white.

Cancroides Black, minutely specked with white: hind-thighs long,
 very thick, spinous at the tip: shanks 1-toothed.
 Inhabits the Cape, and much resembles the last.
 Shield widely emarginate: thorax a little speckled with white
 at the edge: abdomen white, the last segment prominent with
 a broad black band.

Margo. Thorax black edged with white: shells testaceous.
 Inhabits the Cape of Good Hope: size of *Sc. crassipes*.
 Head black, immaculate: thorax rounded: shells short: scutellum
 cinereous: body beneath covered with white down: legs
 black, the hind-ones a little elongated.

Pulveru- Body covered with a greenish-silvery bran: shells and legs
-lentus. testaceous.
 Inhabits Germany. *Olivier's Insects*, 1, 5. tab. 7. fig. 81.
 Half the size of *Sc. argenteus*: shells abbreviated: body be-
 neath polished.

Maurus. Hairy, black: shield reflected.
 Inhabits Barbary. *Melolontha* Morio. FABRICIUS.
 Body immaculate: shield very much reflected.

Sylvicola. Shield reflected, entire: body smooth, black.

Inhabits

Inhabits *New Holland*: less than *Sc. horticola*.

Shield rounded: head and thorax immaculate: antennæ brown: shells shorter than the body, smooth, black.

Subspinus. Yellowish; legs rufous: thorax subspinous.

Inhabits *America*. *Olivier's Insects*, 1, 5. tab. 7. fig. 73.

Antennæ rufous, with black leaves: thorax each side in the middle, with a very short obtuse spine: ends of the legs black.

Abbreviatus. Downy, black: shield 3-toothed: shells abbreviated testaceous.

Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 9. fig. 54.

Shield short, black: thorax grooved, hairy: shells smooth, much shorter and narrower than the body: body black, with a few white hairs

Minutus. Black; shells grey: legs testaceous, hind-thighs sharply toothed.

Inhabits the *Cape of Good Hope*: very small.

Head and thorax hairy: shells smooth, immaculate: hind-thighs with a strong recurved tooth at the base.

Mutabilis. Black, rough with cinereous down.

Inhabits *Tranquebar*. *Olivier's Insects*, 1, 5. tab. 3. fig. 24.

Very small, entirely black downy, which in some positions gives it a cinereous shade.

Variabilis. Blackish; shells with a cinereous gloss: antennæ and legs testaceous.

Olivier's Insects, 1, 5. tab. 21. fig. 37.

Inhabits *Germany* and *America*, on rotten wood.

Head and thorax black, immaculate: shells striate.

Versicolor. Dull brassy; shells covered with cinereous down.

Inhabits *Sierra Leona*. *Olivier's Insects*, 1, 5. tab. 9. fig. 105.

Small head: thorax and shells black, immaculate, with white erect hairs: scutel and abdomen beneath covered with white down: thorax a little grooved: legs black.

Piceus. Smooth, ferruginous: shells striate.

Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 5. fig. 43.

Head and thorax more dusky: hind-legs compressed, the shanks serrate

Araneoides. Shield a little reflected: body yellowish: shells ferruginous, slightly barred with brown.

Inhabits the *Cape of Good Hope*.

Head and thorax covered with yellowish hair, immaculate: shells with 2 brown bands: legs black.

Lineatus. Dull greenish: shells with 2 rufous lines.

Inhabits *Sierra Leona*. *Olivier's Insects*, 1, 5. tab. 6. fig. 68.
Small, gibbous: *mouth* black: *body* beneath black: *legs* pitchy.

Gibbus. Gibbous, testaceous, covered with fine cinereous down.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 6. fig. 67.
Hind joints 1-toothed without, serrate within, truncate at the tip, spinous.

Monticola. Shield entire, reflected: body smooth, testaceous: head black.
Inhabits *New Holland*: very small.
Antennæ testaceous: *shells* much shorter than the body, a little polished.

Humeralis. Black; shells at the base and spot in the middle pale.
Inhabits *Europe*. *Olivier's Insects*, 1, 5. tab. 3. fig. 26.
Small: *shield* reflected, truncate entire: *thorax* immaculate: *shells* slightly striate, pale at the base with a black dot: *legs* black.

Ursus. Black, covered with thick long hair: 4 fore-legs testaceous.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 8. fig. 88.
Shield projecting, emerginate at the tip: *thighs* black: all the *legs* sometimes black.

Lynx. Hairy, black: edge of the shells golden.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 9. fig. 101.

Crinitus. Hairy; above green, beneath black.
Inhabits the *Cape*. *Olivier's Insects*, 1, 5. tab. 2. fig. 16.

Hirtus. Hairy; head and thorax green: shells brown.
Inhabits *Siberia*. *Olivier's Insects*, 1, 5. tab. 7. fig. 17.
Head and *thorax* with long white hairs: *antennæ* pitchy: *scutellum* green: *suture* a little green: *legs* green, polished.

Vulpes. Golden, with tawny hairs: abdomen ferruginous.
Inhabits *Siberia*. *Olivier's Insects*, 1, 5. tab. 7. fig. 76.
Shield short, entire, golden, with a blackish edge: *abdomen* black at the base, the tip (of the male) inflected, 2-toothed: *legs* golden.

Meles. Fulvous, hairy: shells abbreviated, black: abdomen ferruginous.
Inhabits *Barbary*: size of the last.
Antennæ black, hairy at the base: the club nearly round and dull rufous: *shield* reflected, entire: *head* and *thorax* brassy-black covered with thick tawny down: *shells* smooth, immaculate: *abdomen* rufous: *breast* brassy-black: *legs* black.

Bombylius. Black, with cinereous hairs: shells testaceous with 3 whitish lines at the tips.
Inhabits *Africa*: size of *Sc. vulpes*.
Shells smooth, with 3 whitish lateral lines from the middle to the tip.

Vittatus...

- Vittatus.* Blue, hairy: shells testaceous, with 3 whitish lines.
Inhabits *India*. *Olivier's Insects*, 1, 5. *tab.* 8. *fig.* 94.
More oblong than most others: *shield* truncate: *shells* a little shorter than the body, with 3 lines composed of whitish down: *body* beneath hairy.
- Tan nigrum* Blackish, beneath downy, hoary: shells covered with short hairs: scutel downy, whitish, marked with a black T.
Inhabits *Hungary*: *claws* 1-toothed in the middle
- Unicolor.* Entirely tawny, smooth: shells with impressed dots.
Inhabits *India*. *Herbst Arch. Insect*, *tab.* 43. *fig.* 5.
- Ciliatus.* Black, beneath hairy: downy, shells and hind part of the thorax fringed with long white hairs in dots.
Inhabits *India*. *Herbst Arch.* *tab.* 43. *fig.* 6.
Antennæ and *legs* brown.
- Pellucidus.* Silky, dusky, clouded with white: shells ribbed.
Inhabits *Germany*. *Voet Coleopt*, *tab.* 21. *fig.* 150.
- Cerealis.* Scutellate; beneath hairy: sides of the abdomen spotted with white.
Inhabits *Milan*. *Scopoli Delic.* 1. *tab.* 21. *f.* B. a. b c.
- Sinuatus.* Exscutellate, black; shanks denticulate all down the exterior edge.
Inhabits *Bavia*. *Scopoli Delic.* 1. *t.* 21. *f.* E.
- Fuscescens.* Brownish; scutel with a double transverse line: hind-shanks 4-toothed.
Inhabits *Milan*. *Scopol. Delic.* 1. *t.* 21, *f.* F.
Very common in corn fields and during summer on trees: *body* above bay, beneath rough with longer and redder down.
- Deserti.* Above blackish, beneath covered with thick white down: shells shorter than the body: scutel triangular, white, downy.
Inhabits *Siberia*. *Lepech. It.* 1. *tab.* 19. *f.* 7.
- Sepicola.* Scutellate, ferruginous: thorax and shells hairy.
Inhabits *India*. *Mus. Lud. Ulr.* 25.
- Syriacus.* Scutellate; head and thorax with green down: shells hairy, ciliate.
Inhabits *India*. *Mus. Lud. Ulr.* 25.
- Bivittatus.* Yellow, finely polished: head and thorax with 2 common bands: shells with numerous abbreviated green stripes.
Inhabits *Brasil*. *Stockholm Transact.* 1787. 3. n. 3, 5.

b. *Mandible straight.* Cetonia.

- Goliatus.* Thorax pitchy, with white lines : shells glaucous : shield projecting, bifid.
Inhabits *Africa*. Oliv. Inf. 1, 6. tab. 9 fig. 33.
- Cacicus.* Thorax yellowish, with black lines : shells whitish, spotted with black : shield projecting, bifid.
Inhabits *America*. Oliv. Inf. 1, 6. tab. 3. fig. 22.
Shells slightly emarginate at the end : shield forked at the tip, the divisions arched.
- Bifrons.* Dull brassy : shells brown speckled with white : shield projecting, bifid : crown hastate.
Inhabits *South America* : less than the last.
Head depressed : divisions of the shield recurved, truncate obtuse : crown with an incumbent sharp spine : antennæ black : thorax impressed each side : scutell triangular : shells with a white angular stripe across the middle, fore-shanks 2-toothed.
- Polyphemus.* Green with white lines : head 3-horned, the middle one projecting, bifid.
Inhabits *Africa*. Oliv. Inf. 1, 6. tab. 8. f. 61.
Head depressed, covered with white down : antennæ black : thorax with 5 white lines, the middle one abbreviated : scutell triangular : shells with 3 lines composed of white spots, the middle one abbreviated : thighs with a white line each side ; fore-shanks toothed each side, the hind-ones ciliate.
- Micans.* Green, polished : shield projecting, recurved, bifid : fore-shanks ferrate.
Inhabits *Africa*. Oliv. Inf. 1, 6. tab. 1. f. 2.
Head carinate, with a small spine each side between the eyes : shield with 2 denticles in the middle and 2 at the tip : shells abbreviated, pointed, polished : sternum projecting, broad, obtuse, with a fine longitudinal ferruginous line : abdomen with an impressed point each side the last segment.
- Chilensis.* Brassy : shield emarginate, subspinous : thorax lobate behind : shell pointed.
Inhabits *China*. Oliv. Inf. 1, 6. tab. 2. fig. 5.
Shield cylindrical, widely emarginate : thorax and shells brassy-green, immaculate : sternum prominent, obtuse : body chestnut, a little spotted with black : hind-thighs black with a red dot : all the tarsi black.
- Nigrinus.* Smooth, black : shield emarginate subspinous : thorax lobate behind.
Inhabits *Ceylon*. Oliv. Inf. 1, 6. tab. 10. fig. 92.
Shield square, widely notched, the ends projecting : thorax with a lateral brown spot : legs black.

* *Auratus*

- **Auratus*. Gilt; first segment of the abdomen 1-toothed at the sides: shells with transverse white lines.
Inhabits *Europe*. *Oliv. Inf.* 1, 6. *tab.* 1. *fig.* 1.
When touched emits a fetid moisture from the tail.
- Æruginosus* Gilt; above green.
Gron. Mus. 424. *tab.* 15, *fig.* 7.
Inhabits *Calabria*, on the lentiscus.
- Fastuosus*. Brassy, finely polished, immaculate.
Inhabits *Europe*. *Scopol. Delic.* 1. *tab.* 21. *fig.* A.
Legs green: shells with a small impressed dot at the base.
- Marmoratus*. Brassy, thorax & shells with numerous white scattered specks
Inhabits *Germany*. *Voet Coleopt.* *tab.* 1. *fig.* 3.
Shield thickened at the tip: *body* beneath brassy, with a line of white dots each side.
- Viridis*. Green, opake, beneath more polished: shells spotted with white.
Inhabits *Italy*. *Herbst Archiv*, *tab.* 29, *fig.* 7.
Shells with white lateral spots, and 1 dorsal one near the tip: *tail* a little prominent, with white dots.
- Metallinus*. Brassy, opake, immaculate; beneath coppery.
Inhabits *Italy*. *Cetonia Metallica*. FABRICIUS.
Shield thickened at the edge.
- Pubescens*. Dull-brassy; edge of the thorax and segments and 2 spots on the tail, white.
Inhabits the *Cape*. *Oliv. Inf.* 1, 6. *tab.* 11, *fig.* 100.
Front cinereous, downy: *thighs* above with a large white spot.
- Opacus*. Green, opake; shield reflected.
Inhabits *Africa*, on composite flowers.
- Morio*. Entirely black, opake; beneath more polished.
Inhabits *Europe*. *Oliv. Inf.* 1, 6. *tab.* 2, *fig.* 3.
- Erythropus*. Black; shield projecting, finuate at the base each side: border of the thorax and edge of the shells cinereous.
Inhabits the *Cape of Good Hope*.
Between the *antennæ* are often 2 cinereous dots: *antennæ* of 3 long leaves: last segment of the *abdomen* prominent, with 2 cinereous dots.
- Ordatus*. Black, polished: shield heart-shaped.
Inhabits the *Cape of Good Hope*.
Antennæ 3 short leaves: *thorax* immaculate: *shells* hardly striate, black: *foresbanks* very much toothed.
- Urbopunctatus*. Black; thorax with 4 white spots.
Inhabits

Inhabits *Italy*: resembles Sc. Morio except in having 4 white specks on the thorax.

Rufipes. Black; tail 2-punctured: legs rufous: hind-shanks annulate with spines.

Inhabits *India*. *Oliv. Inf.* 1, 6. tab. 10, fig. 93,

Head black: antennæ ferruginous: thorax immaculate: abdomen black, the last segment with 2 white spots: legs ferruginous, toes black, claws hooked, strong, sharp: hind-shanks radiate with 3 rings composed of short spines.

Surinamus. Thorax lobate behind: body black, silky: shells with yellow marginal spots.

Cetonia holosericea. *Oliv. Inf.* 1, 6. t. 12. f. 125.

Inhabits *Surinam*: larger than Sc. Nitidus.

Sternum elevated, obtuse.

Strigofus. Thorax lobate behind, with ferruginous lines: shells with tranverse ferruginous lines.

Inhabits the *Cape*. *Oliv.* 1, 6. t. 12. f. 124.

Thorax and shells black: body immaculate black: sternum slightly projecting.

Nitidus. Thorax lobate behind: head with an incumbent spine: sternum horned.

Inhabits *Carolina*. *Oliv. Inf.* 1, 6. t. 3. f. 16.

Lobatus. Black, polished: thorax lobed behind: shield emarginate: sternum horned.

Inhabits *America*. *Oliv. Inf.* 1, 6. t. 4, f. 26.

Thorax punctured, projecting behind: shells with 2 raised lines meeting before the tip.

Carmelita. Black-green: thorax and shells testaceous: tail with 2 white spots.

Inhabits *Africa*: size of the last.

Head black: shield emarginate: thorax rounded: shells immaculate: segments of the abdomen white at the edges: hind-shanks 1-toothed in the middle.

Sulcatus. Brassy-green, polished: shells grooved.

Inhabits *Brazil*. *Oliv.* 1, 6. tab. 5, f. 32.

Thorax immaculate: scutel projecting: sternum abbreviated.

Chrysis. Scutel half as long as the body: sternum projecting: body green, beneath coppery.

Inhabits *South America*. *Oliv. Inf.* 1, 6. tab. 4, fig. 19

Lucidus. Scutel half as long as the body: sternum projecting: body brassy, polished.

Inhabits

Inhabits *Guadeloupe*. *Oliv. Inf.* 1, 6. *tab.* 7. *fig.* 64.

Capucinus. Pitchy ; thorax yellowish at the edge : sternum projecting.
Inhabits *India* : size of *Sc. chrysis*.
Hind-thighs very much compressed.

Lanius. Exscutellate, livid : thorax with 2 dots : shells with numerous black spots : sternum horned behind.
Inhabits *America*. *Oliv.* 1, 6. *t.* 2, *f.* 4.

Graculus. Exscutellate, dull livid : thorax and shells spotted with black.
In the Museum of *Sir Jos. Banks*.
Much less and darker than the last : shells gibbous behind : sternum projecting and hardly horned.

Carnifex. Scutellate, red : shells spotted with black.
Inhabits *America*. *Oliv. Inf.* 1, 6. *t.* 6 *f.* 43.
Head rufous ; *mouth* black : *thorax* dotted, the edge slightly emarginate at the base : *scutel* triangular, black : shells subtriangular, rufous : *body* beneath black : *sternum* rufous : *abdomen* with 3 lines of red dots, the middle ones larger : 4 *hind thighs* rufous edged with black : *shanks* black, rufous at the tips.

Glabratus. Testaceous, polished : sternum projecting forwards, obtuse.
Inhabits *India*. *Oliv. Inf.* 1, 6. *tab.* 9, *fig.* 80.
Above testaceous, with a brass green shade : shield widely emarginate : *head* and *thorax* with 2 darker spots : beneath brassy.

Paucus. Black, opaque : shells obscurely spotted with rufous.
Inhabits the *Cape of Good Hope*.
Thorax immaculate : *sternum* abbreviated.

Cornutus. Black, opaque, immaculate : fore-edge of the thorax slightly horned.
Inhabits the *Cape of Good Hope*.
Body beneath rough, with rufous down : *thorax* rounded, a little elevated in the middle before : shells hardly striate.

Tristis. Black, spotted with white : segments of the abdomen edged with white : shield emarginate : sternum horned.
Inhabits *America* : *Oliv. Inf.* 1, 6. *tab.* 18, *fig.* 91.
Thorax projecting behind : shells pitchy, with a raised line or two : *abdomen* black, the edges of the segments white.

Smaragdulus. Yellowish, ferruginous : shells greenish : sternum horned.
Inhabits *America*. *Oliv.* 1, 6. *tab.* 10, *fig.* 90.
Body yellowish : *hind-shanks* punctured.

Fascicularis. Thorax with 4 white lines : shells greenish : incisus of the abdomen bearded.
Inhabits *Africa*. *Oliv. Inf.* 1, 6. *t.* 11, *f.* 108.
Beneath covered with tufted down.

Aulicus.

- Aulicus*. Green, polished: edge of the thorax and shells with white spots. Inhabits the *Cape of Good Hope*. *Olivier's Insects*, 1, 6. t. 2. f. 76. Head with 2 small white spots before the eyes: *shield* emarginate: *shells* obtuse, green with a white spot at the base, 5 on the edges, 2 on the back and one at the tip: *abdomen* with 4 lines of white dots, the last segment prominent, with 2 white spots: *hind-thighs* with a white spot.
- Purpurascens*. Smooth, black: thorax and shells purplish. Inhabits *East India*. Head black: eyes testaceous: *shield* slightly emarginate: *scutel* brown: *sternum* slightly projecting.
- Capensis*. Hairy, rufous spotted with white. Inhabits *Africa*. *Oliv. Inf.* 1, 6. tab. 6, fig. 48.
- Signatus*. Thorax black, edged with white: shells testaceous, the future and edge black. Inhabits the *Cape*. *Oliv. Inf.* 1, 6. t. 5, f. 35. Head black: *shield* subemarginate: *thorax* smooth, dorsal future, ferruginous at the base and lateral edge white: *scutel* black: future, outer edge, line at the base and callus at the tip of the shells white: *body* beneath hairy: *sternum* short, obtuse.
- Marginatus*. Smooth, black: thorax and shells edged with rufous. Inhabits *Guinea*. *Oliv. Inf.* 1, 6. t. 5, f. 34. *Shield* emarginate: *thorax* on the fore and lateral edge rufous.
- Ornatus*. Smooth, dull purplish: thorax and shells with a finuate testaceous edge. Inhabits *Guinea*: size of the last. Head black, with a large frontal testaceous spot: *thorax* with a black lateral spot: *tail* prominent, testaceous, edged with black: *body* beneath yellow, edges of the segments of the *abdomen* black: *legs* black: *hind-thighs* testaceous.
- Marginellus*. Green; thorax and shells with ferruginous edges. Inhabits *Sierra Leona*. *Abdomen* with 2 lines of whitish spots each side: *sternum* short, obtuse, capitate: last segment of the *abdomen* prominent, with 4 whitish spots.
- Lineola*. Black; a yellow line from the head to the scutel. Inhabits *America*. *Oliv. Inf.* 1, 6. t. 5. f. 28.
- Striatus*. Smooth, black, polished: edge of the thorax testaceous, with a black spot: *shield* emarginate. Inhabits *Guadeloupe*: size of the last. *Shield* black, widely emarginate: *shells* striate, brown, immaculate: *body* beneath variegated: *sternum* projecting, testaceous: *legs* testaceous: *head* sometimes with 2 white line.

Sinuatus.

- Sinuatus.* Brown : thorax and shells edged and spotted with yellow.
Inhabits the *Cape*. *Olivier's Insects*, 1, 6. tab. 8. fig. 28.
Head black : *shield* emarginate : *thorax* with a broad yellow edge on which is a black spot, and 2 yellow spots in the middle : *scutel* with a yellow spot each side at the base : *shells* with a sinuate yellow edge and 2 yellow spots on each, and a black dot at the tip : *body* beneath black : *sternum* rounded.
- Fasciatus.* Black ; edge of the thorax testaceous : shells testaceous, with a black future and indented band.
Inhabits *Alexandria* : size of the next.
Thorax testaceous at the fore and lateral edge.
- Thoracicus.* Black ; thorax ferruginous shells black with a purplish shade.
Inhabits *Alexandria* : larger than *C. auratus*.
Thorax black at the base.
- Olivaceus.* Testaceous : thorax with 2 black lines and spots : shells with 4 transverse black spots.
Inhabits *Africa*. *Oliv. Inf.* 1, 6. tab. 8. fig. 69.
Head black immaculate : *scutel* testaceous edged with black : *shells* obtuse : *body* beneath olive, segments of the *abdomen* tipped with black : *sternum* short, obtuse.
- Interruptus.* Edge and dorsal line of the thorax and interrupted bands on the shells testaceous.
Inhabits *Senegal*. *Oliv. Inf.* 1, 6. tab. 8. fig. 70.
Head black : *shield* emarginate. *thorax* black with 3 broad testaceous bands, and a black spot in the middle : *scutel* testaceous : edge of the *shells* testaceous : *sternum* short, obtuse.
- Pictus.* Black ; thorax with 5 white lines : shells pointed, spotted with white
Inhabits the *East*.
Head black, 2 lines and an ocular spot each side, white : *scutel* triangular, black with a white line : last segment of the *abdomen* prominent. white with a black line : *body* beneath white with a black line down the middle.
- Trilineatus.* Black ; thorax with 3 yellow lines, flexuous band on the shells and scutel, yellow.
Inhabits the *Cape of Good Hope*.
Head black, with a longitudinal yellow line : *shield* emarginate : *thorax* with a black marginal spot : *scutel* triangular, yellow : *shells* substriate, black with a short crooked yellow line : *abdomen* black : *tail* with a curved yellow band : *legs* black variegated with yellow.
- Elaeus.* Black ; thorax with 3 white lines : shells olive, the edge black dotted with white.

Inhabits *Guinea* : middle sized.

Shield 3-toothed, the middle one small: *head* black, polished, with 2 white dots: middle line on the *thorax* abbreviated: *scutel* black, with a white line: *shells* slightly punctured, the future black: *sides* spotted with white: *thighs* marked with a white line.

Semipunctatus.

Green, polished: *thorax* 4-lined: *shells* with 2 white lines at the base and spotted with white at the tips.

Shield slightly emarginate with 2 short white lines: *thorax* with 2 white lines each side: *scutel* immaculate: *body* covered with white down beneath, a smooth brassy white line running down the middle.

5-lineatus.

Black; *thorax* 5-lined: *shells* spotted with white: *shield* reflected, with an incumbent spine in the middle.

Oliv. Inf. 1. tab. 8. fig. 76.

Scutel triangular, with a small white line: *shells* brown spotted with white, the future and 2 raised lines red: *abdomen* black with 2 lines of white dots each side: *tail* prominent, brown with 2 white spots.

Atromaculatus.

Dark brown, polished: *shells* with black silky spots and a white one behind.

Inhabits *Tranquebar* : middle sized.

Shield reflected, slightly emarginate: *shells* striate: *abdomen* with lateral white dots.

Limbatus.

Black: *thorax* edged with ferruginous.

Inhabits *Egypt* : dull black.

Shells with a small purplish line at the future.

Splendidus.

Blue: edge of the *thorax* and *shells* testaceous.

Inhabits *India*. *Oliv. 1, 6. tab 4, fig. 21.*

Body smooth shining: *scutel* nearly half as long as the *shells*.

Elegans.

Green, highly polished: future of the *shells* and dot at the tip white.

Inhabits *Coromandel*. *Oliv. Inf. 1, 6. tab. 4. fig. 25.*

Shield slightly reflected, with a small recumbent spine: first segment of the *abdomen* with a testaceous edge: *sternum* prominent, slightly recurved, obtuse.

Athiopicus

Green with a tawny hue: *shells* with 2 black spots: *sternum* obtuse.

Inhabits *Africa*. *Oliv. Inf. 1, 6. tab. 8. fig. 73.*

Shield obtuse, slightly emarginate, tawny: *tail* dusky: *thighs* with a tawney line each side.

Venerens.

Coppery, polished: *thorax*, *scutel* and *shells*, green.

Inhabits *Surinam* and *Jamaica*.

Shield truncate entire : *thorax* emarginate behind : *shells* smooth, immaculate : *sternum* short, obtuse.

Africanus. Brassy, polished : head with a recumbent spine : *sternum* projecting : *shells* striate with black punctures.

Inhabits *Africa*. *Oliv. Inf.* 1, 6. *tab.* 8. *fig.* 70.

Shield reflected : *shells* obtuse at the end : *body* speckled beneath with brown : *wings* bluish : *legs* brassy, black at the ends.

Suturalis. Thorax black with a rufous edge : *shells* brassy, polished, the future black.

Inhabits *Africa*. *Oliv. Inf.* 1, 6. *tab.* 8. *fig.* 74.

Shield reflected, with a small incumbent spine : *scutel* black : tips and callus at the base of the *shells* black : *abdomen* pitchy.

Zebra. Hairy, brassy green : *shells* testaceous, with a brassy future and black stripe in the middle.

Inhabits *Africa*. *Oliv. Inf.* 1, 6. *tab.* 7. *fig.* 75.

Shield emarginate : *thorax* downy.

Fulgidus. Brassy, finely polished : tail prominent, with 4 white dots.

Oliv. Inf. 1, 6. *t.* 8. *f.* 75. *Voet. t.* 3. *f.* 24.

Shield entire : *sternum* short, rounded : *abdomen* with 2 lines of whitish spots each side : *legs* rufous, the joints black.

Iris. Green, finely polished, with a brown shade.

Inhabits *Surinam*. *Oliv. Inf.* 1, 6. *t.* 8. *f.* 77.

Shield emarginate, without spine : *thorax* and *shells* very finely punctured : *sternum* projecting, short, round.

Gagates. Black, polished : *shield* truncate, reflected : *sternum* obtuse.

Inhabits *Africa*. *Oliv. Inf.* 1, 6. *t.* 4. *f.* 20.

Thorax emarginate behind : *shells* obtuse, gibbous behind.

Tetradactylus. Black ; *scutel* half as long as the *shells* : *legs* 3-clawed with a fixed thumb.

Inhabits *S. America*. *Oliv. Inf.* 1, 6. *t.* 7. *f.* 53.

Clavatus. Green, coppery, polished : *shells* testaceous : *sternum* horned on the forepart.

Inhabits *S. America*. *Oliv. Inf.* 1, 6. *t.* 8. *f.* 68.

Body smooth, immaculate, brassy or coppery ; *sternum* projecting, subclavate.

Fucatus. Black, polished : edge round the *thorax* and 2 stripes on the *shells* yellow.

Inhabits *America*. *Oliv. Inf.* 1, 6. *t.* 7. *f.* 65.

Sternum projecting forwards, elevated.

Sordens. Brassy-black : *shells* with 2 raised lines & spotted with white.

Inhabits *Brasil*. *Oliv. Inf.* 1, 6. *t.* 9. *f.* 81.

Shield

Shield rounded entire: *thorax* with scattered punctures, emarginate behind: *shells* obtuse.

Aurichalceus. Coppery, polished: shells pointed spotted with white.
Inhabits Surat. *Oliv. Inf.* 1, 6. t. 9. f. 78.
Shield entire: *thorax* immaculate.

Nitidulus. Green-testaceous, polished: shield emarginate: shells pointed
Inhabits Africa: small.
Shield widely emarginate, the tips black: last segment of the
abdomen prominent, immaculate.

Philippensis. Brassy, polished: thorax edged and spotted with white:
shells pointed, spotted with white.
Inhabits the Philippine Isles. *Oliv. Inf.* 1, 6. t. 10. f. 97.
Thorax rounded with 2 white dorsal spots: shells green, shining.

Stolatus. Green-brown: edge of the thorax and 2 spots each side,
white: shells pointed with a white band and spots.
Inhabits N. Holland. *Oliv. Inf.* 1, 6. t. 7. f. 59.
Head brown, with 2 white lines at the base: shield emarginate;
legs brown.

Festivus. Black, spotted with white: shells pointed with a broad
testaceous stripe.
Inhabits Tranquebar.
Shield emarginate: tail prominent, with 2 white dots: breast
with a lateral white spot: abdomen black with lateral transverse
white spots

Abbreviatus. Black, polished: shells with a broad interrupted yellow band.
Inhabits Senegal: middle sized.

Maculatus. Brassy, polished: thorax with a white spot each side:
shells with numerous white spots: sternum obtuse.
Inhabits Coremandel. *Oliv. Inf.* 1, 6. t. 7. f. 66.
Body beneath coppery: breast with a large white spot each side:
abdomen with 4 lines of white dots.

Acuminatus Dull brassy with pale spots: shells pointed.
Inhabits the Cape. *Olivier's Insects*, 1, 6. tab. 8. fig. 72.
Shells ending in a sharp compressed spine: sides spotted with
white.

Cruentatus. Black; shells green polished: edge of the thorax and tail
rufous.
Inhabits the Cape. *Oliv. Inf.* 1, 6. tab. 11. fig. 24.
Shield emarginate: scutell black: shells subtriate: tail prominent.

Arcatus. Black, downy: shells rufous on the disk.
Inhabits Virginia. *Oliv. Inf.* 1, 6. tab. 9. fig. 82.

Shells gibbous behind with a single raised line.

Hirtellus. Blackish, hairy: shells with pale spots: thorax carinate.
Inhabits *Europe*. *Oliv. Inf.* 1, 6. *tab.* 8. *f.* 36, 44.

Funestus. Smooth, black; thorax and shells dotted with white.
Inhabits *Italy*: middle sized.
Shield emarginate: *thorax* dusky with 5 white spots each side:
shells obtuse, covered with white dots.

Sticticus. Black spotted with white: shield emarginate: abdomen with
4 white spots beneath.
Inhabits *France*. *Oliv. Inf.* 1, 6. *tab.* 7. *fig.* 57.

Punctulus. Cinereous: stripes on the shells punctured with white.
Inhabits *Senegal*. *Oliv. Inf.* 1, 6. *tab.* 6. *fig.* 47.
Thorax cinereous with small white dots.

Floralis. Smooth, black: edges of the thorax, shells and abdomen
white.
Inhabits *Africa*; on composite flowers.
Head black, with 2 white dots between the eyes: *shield* slightly
emarginate: *tail* prominent, white: edge of the abdomen
spotted with white.

14-maculatus. Head and thorax golden: shells with 14 white spots.
Shield emarginate: *thorax* lengthened behind, acute: *shells* dull
green: *breast* spotted with white: *abdomen* with 2 lines of
white dots each side beneath.

Verficolor. Black; thorax rufous spotted with black: shells black
spotted with white, and a large rufous one on the disk.
Inhabits *Egypt*. *Oliv. Inf.* 1, 6. *tab.* 4. *fig.* 23
Scutel black with a white dot at the tip: *abdomen* black, the
edges and tail spotted with white.

Albellus. Black; edge of the thorax and shells with scattered white
spots.
Inhabits *Tranquebar*. *Oliv. Inf.* 1, 6. *tab.* 5. *fig.* 30.

Æquinoctialis. Black; thorax edged with white: shells testaceous, with
a white spot near the scutel and tip.
Inhabits *Senegal*. *Oliv.* 1, 6. *tab.* 6, *f.* 42.
Shield emarginate: *body* black.

Sanguinolentus. Black; shells pointed with a large tawney marginal spot.
Inhabits *Senegal*. *Oliv. Inf.* 1, 6. *tab.* 6, *fig.* 41.

Discoideus. Black; shells tawny, with a black spot at the scutel and
tip, and a purple band in the middle.
Inhabits *Bengal*: *body* black.

Lugubris.

- Lugubris.* Smooth, black : lateral spot on the shells and tail white.
Inhabits the Cape. *Oliv. Inf.* 1, 6. t. 7. f. 60.
Shield entire : *abdomen* with a white spot and line of white dots each side.
- Hisrio.* Testaceous ; head, 2 lines on the thorax, future and 3 spots on the shells, black.
Inhabits Egypt. *Oliv. Inf.* 1, 6. t. 10, f. 94.
Scutel testaceous : *shell* pointed : *body* beneath pitchy, with numerous white dots.
- Modestus.* Above green opake, dotted with black : shield black, emarginate.
Inhabits Tranquebar : small.
Antennæ and *feelers* testaceous : *body* pitchy, the sides covered with thick down : last segment of the *abdomen* prominent, white at the base, ferruginous at the tip : *legs* black.
- Gloriosus.* Testaceous, polished, with abbreviated black lines.
Inhabits St. Domingo. *Oliv. Inf.* 1, 6. tab. 4, fig. 41.
Head testaceous ; *orbits* black : *thorax* with 6 black lines, the middle ones longer : *scutel* testaceous edged with black : *body* beneath brown with yellow lines.
- Hottentotus.* Black, smooth : shells with 2 white dots behind.
Inhabits the Cape. *Oliv. Inf.* 1, 6. tab. 7, fig. 55.
Shield obtuse entire : *thorax* rounded behind : shells gibbous at the base, slightly striate : last segment of the *abdomen* prominent, with an obscure pitchy spot each side.
- Cruentus.* Smooth, black : 2 spots on the thorax and broad band on the shells, sanguineous.
Oliv. Inf. 1, 6. t. 6. f. 37. t. 7. f. 58.
Head retuse : *thorax* punctured : *shells* striate : *body* black : *tail* sanguineous.
- Fuliginosus.* Black, above opake, beneath shining, femoral segment projecting into a tooth.
Scopol. Delic. 1. p. 51. tab. 21. fig. D. b.
Inhabits Bavia ; in fields and gardens
- Æneus.* Oblong, blue, smooth : abdomen testaceous : head 3-toothed at the tip.
Body beneath downy.
- Cæruleus.* Smooth, glauceous : shells striate and punctured, steel-blue, with 5 white spots.
Inhabits India. *Herbf. Arch. Inf.* tab. 19, fig. 30.
- Metallicus.* Green gilt, beneath violet : 4 rings of the abdomen marked with a white spot.

Inhabits *Europe*. *Herbst Ent. Mag.* 1. p. 314.

Bimucronatus. Testaceous; fore-shanks larger, bearded: shield mucronate each side, fringed with down.

Inhabits *Umboina*. *Pall. Inf. Ros. n.* 13, *t. A. f.* 13.

Aureolus. Depressed, subangular, covered with a gilt pollen: thorax and shells dotted with black.

Inhabits *Dauria*. *Pall. Inf.* 1. p. 18, *t. A. f.* 21.

Glaucus. Cylindric, entirely testaceous, smooth: juncture of the thorax pale, downy: abdomen glaucous.

Inhabits *Siberia*. *Pall. Inf.* 1. p. 19. *t. B. f. A.* 22.

Sanguinolentus. Depressed, angular, black: thorax above and disk of the shells, red: shells and abdomen with crowded white dots

Inhabits *America*. *Ball. Inf.* p. 21. *t. B. f. A.* 24.

Pulcher. Thorax and shells finely variegated, smooth: head black, with an incumbent spine.

Inhabits *Tobago*. *Stockb. Transf.* 3. n. 3, 6.

Body beneath, antennæ and legs, black.

Trivittatus. Thorax with 3 whitish stripes: shells yellow, testaceous: head black, with an incumbent spine.

Inhabits *Africa*. *Stockb. Transf.* 1787, 3. n. 3, 7.

Subfasciatus. Black, opaque: shells with 4 lateral abbreviated fulvous bands, the hind one larger.

Inhabits the *Cape*. *Stockb. Transf.* 1787, 3. n. 3, 8.

Scabriusculus. Black, with a golden hue: shells smooth on the forepart, roughish behind, with a raised smooth line: abdomen spotted with white.

Stock. Transf. 1787, 3. n. 39.

c. *Mandible straight, obtuse.* *Trichius.*

Eremita. Brassy-black, thorax unequal: scutellum with a longitudinal groove.

Oliv. Inf. 1, 6. *tab.* 3. *f.* 17. *Degeur. t.* 10, *f.* 21.

Found in decayed trunks of the pear and willow; when first caught smells like Russia leather.

**Nobilis*. Shining green: abdomen behind dotted with white: shells rugged.

Donovan's Engl. Insects, V. plate 154, *fig.* 1, 2, 3.

Oliv. Inf. 1, 6. *tab.* 3. *fig.* 10.

The larva is found on decayed wood, the insect chiefly on umbellate flowers.

Larva grey, legs yellowish; head ferruginous.

Cordatus

Cordatus. Black ; dot each side the thorax at the base and 2 on the shells, yellow.

Inhabits *Germany.* *Oliv. Inf.* 1, 6. *tab.* 4. *fig.* 27.

Last segment of the *abdomen* with an oblong spot each side.

**Fasciatus.* Black clothed with yellow down : shells with 3 abbreviated black bands.

Donovan's Engl. Inf. IV. *plate* 140.

Inhabits *Europe.* *Oliv. Inf.* 1, 6. *tab.* 9, *fig.* 84.

Succinctus. Black, with cinereous down : shells black with 2 yellow bands.

Inhabits *Germany.* *Pall. Icon.* *tab.* A. *fig.* 19.

Shield entire : *shells* black.

Indus. Thorax hairy : shells livid spotted with brown.

Inhabits *India.* *Oliv. Inf.* 1, 6. *t.* 6. *f.* 40.

Punctulatus. Head and thorax smooth, brassy-green, shells testaceous : last segment of the *abdomen* prominent, with 2 white dots.

Melolontha bipunctata. *Cliv. Inf.*, 1, 5. *tab.* 6. *fig.* 69.

In the Museum of *Sir Jos. Banks.*

Scutel short, triangular : *shells* smooth, naked, immaculate : *body* black ; segments of the *abdomen* each side with white streaks.

Biguttatus. Testaceous, head and thorax polished, brassy : last segment of the *abdomen* a little prominent, with 2 white dots.

Inhabits *China.* *Fabric.* IV. *append.* p. 449.

Head green, *mouth* testaceous : *scutel* triangular, brassy-green : *shells* striate : *body* testaceous covered with cinereous down.

Bidens. Head and thorax brassy-green, hairy : shells testaceous, with a green shade.

Inhabits *America.* *Oliv. Inf.* 1, 6. *tab.* 10. *fig.* 87.

Shield emarginate : *shells* abbreviated : *abdomen* and *legs* green, hairy.

**Hemipterus.* Thorax downy with 2 longitudinal ridges : shells abbreviated.

Inhabits *Europe.* *Oli. Inf.* 1, 6. *tab.* 11. *fig.* 103.

Female armed with a long, black sting.

Caniculatus. Brown-testaceous, spotted with cinereous : thorax caniculate

Inhabits *America.* *Oliv. Inf.* 1, 6. *t.* 10, *f.* 89.

Thorax channelled : *legs* testaceous.

Lunulatus. Smooth, blue : shells with 2 white lunules.

Inhabits *Carolina.* *Oliv. Inf.* 1, 6. *t.* 10, *f.* 88.

Shield emarginate : *shells* very short.

Virens. Green, downy : tail with 2 white spots.

Inhabits

Inhabits *India*. *Olivier's Insects*, 1, 6. t. 9. f. 86.

Body green covered with cinereous hair. : *shells* a little speckled with white : *abdomen* beneath with a small transverse white line each side.

Piger. Head and thorax brassy, downy : shells testaceous spotted with white.

Inhabits *Maryland*. *Oliv. Inf.* 1, 6. tab. 7. fig. 54.

Shield emarginate : last segment of the *abdomen* prominent, testaceous with an oblong white spot each side.

Delta. Thorax black with a white triangle : shells testaceous with a brown spot.

Inhabits *America*. *Oliv. Inf.* 1, 6. tab. 11. fig. 107.

Antennæ ferruginous with a black club : *head* projecting, black with a transverse white line, and 2 white vertical spots : *thorax* edged round with white, the point of the triangle placed behind : *shells* abbreviated, smooth, the future brown, whitish at the base : last segment of the *abdomen* prominent, snowy : *hind-thighs* thick, incurved.

Fulvous. Downy : thorax fulvous with 3 black lines : shells testaceous with a fulvous future.

Inhabits the *Cape*. *Oliv. Inf.* 1, 6. t. 7. f. 63.

Antennæ pitchy, with a tuft of black hair in the middle : *scutell* triangular with a fulvous spot in the middle : *tail* fulvous : *legs* pale testaceous.

Nigripes. Hairy, brown : shells testaceous, the edge ashy at the tip.

Inhabits the *Cape*. *Oliv. Inf.* 1, 6. t. 9, f. 85.

Abdomen whitish : *legs* black.

Nævius. Above naked, spotted with cinereous : head and thorax black : shells pitchy.

Inhabits the *Cape*. *Oliv. Inf.* 1, 6. tab. 7, fig. 62.

Head black : *shield* emarginate : *body* beneath cinereous, downy : *abdomen* yellowish at the tip : *legs* black, *hind-shanks* short truncate.

Carbonarius. Entirely black, hairy : shield narrow, bifid at the tip.

us. Inhabits out of *Europe*. *Mus. Lesh.* p. 4, n. 75.

Unguiculatus. Grey, downy : thorax brown : shield narrow, grooved, bifid at the tip : shells rufous, the edge black, hairy : *hind-legs* long, clawed.

Inhabits out of *Europe*. *Mus. Lesh.* p. 4, n. 76.

B. *Feelers* capitate ; *jaw* bifid. Trox.

Gemmatius.

- Gemmatus.* Cinereous, thorax unequal: shells striate and marked with raised black dots.
 Inhabits *Senegal.* *Oliv. Inf.* 1, 4. *t.* 1, *f.* 3.
Antennæ pitchy, the first joint hairy: *shells* with crenate stripes.
- **Sabulosus.* Thorax and shells rugged: thorax very entire: antennæ hairy at the base.
 Inhabits *Europe.* *Oliv. Inf.* 1, 4. *tab.* 1. *fig.* 1.
 Found chiefly on gravelly banks.
- Arenosus.* Thorax slightly caniculate: shells striate: body dusky.
 Inhabits *Saxony*: half the size of the last.
Antennæ testaceous: edges of the *thorax* fringed with ferruginous: *shells* with numerous fasciculate ferruginous tufts.
- Suberosus.* Grey: thorax margined, the hind-edge toothed: shells striate
 Inhabits *Brasil.* *Oliv. Inf.* 1, 4. *tab.* 1, *fig.* 6.
Thorax carinate, with a single tooth.
- Horridus.* Black, thorax and shells spinous.
 Inhabits *India.* *Oliv. Inf.* 1, 4. *tab.* 1. *fig.* 2.
Thorax margined, ciliate and armed with numerous short erect spines: *shells* with 5 spinous striæ, ciliate at the edge.
- Silphoides.* Black, thorax margined, unequal: shells striate with spines.
 Inhabits the *Cape.* *Oliv. Inf.* 1, 4. *tab.* 1. *fig.* 5.
Body dull brown: *thorax* ciliate, not spinous.
- Cornutus.* Thorax and shells spinous and ferrate: head with 2 projecting arched horns.
 Inhabits *Ceylon*: less than *Sc. sabulosus*
Head small: *horns* nearly as long as the thorax, obtuse, toothed: *female* head unarmed.
- Spinicornis.* Blackish: thorax emarginate each side behind: antennæ spinous.
 First joint of the *antennæ* armed with a spine: *shield* rounded, entire: *thorax* rough, emarginate at the angles: *shells* with raised dots, substriate: *legs* black.
- Tenebricides.* Oval, pitchy, without down, rough with dots: shield fringed at the edge.
Pall. Icon. Inf. Russ. I. p. 9, *tab.* A. *fig.* 9.
 Inhabits the gravelly plains of *Dauria.*
- Morticinii.* Shield unequal, fringed: shells striate, convexly punctured, roughish.
Pall. Icon. Inf. Russ. I. p. 11, *tab.* A. *fig.* 11.
 Inhabits the driest deserts of *Tartary*, under carcases dried by the

the fun : makes a small noise by rubbing its shells together :
body black, opaque.

Miliarius. Black with raised dots : thorax grooved : shells longer than the abdomen, with decussate striae.

Inhabits out of Europe. *Mus. Lesh. p. 3, n. 54.*

Shells with 9 rows of dotted striae : head with 6 raised dots.

Coriacinus. Black ; front with 2 tubercles : thorax tuberculate : shells longer than the abdomen, with 9 rows of raised dots.

Inhabits out of Europe. *Mus. Lesh. p. 3, n. 55.*

Longipes. Head and thorax black : shells pale testaceous, with a common black lunule : hind-legs very long.

Stockholm Transact. VIII. 1787, 3. n. 3, 10.

Inhabits the Cape of Good Hope.

C. Feelers cylindric ; club of the antennæ tunicate. *Lethrus.*

Cephalotes. Body roundish, black.

Olivier's Insects, 1, 2, 4, 1. tab. 1. fig. 1.

Inhabits the driest deserts of Europe, under ground.

Body smooth, black, subopaque, without wings : thorax convex, margined : scutellum : shells hardly longer than the thorax : legs formed for digging : mandible falcate, toothed within.

Banksi. Body oblong, brassy-green.

Inhabits Norfolk Island.

Antennæ of one joint, short, black, perforated at the tip : head with a raised triangle in the middle : mandible large, recurved, truncate, emarginate, hairy and ferruginous within : thorax subpunctured, the edge deflected each side at the angle : shells a little rugged, not joined : legs brassy : shanks toothed.

D. Feelers unequal, the fore ones subclavate, the hind ones filiform. *Hexodon.*

Reticulatus Black ; shells reticulate, grey.

Inhabits Madagascar. *Oliv. Inf. 1, 7. t. 1. f. 1.*

Head and thorax black immaculate : abdomen ferruginous.

Uniformis. Black, immaculate.

Inhabits Madagascar. *Oliv. Inf. 1, 7. tab. 1. fig. 2.*

2. LUCANUS. Antennæ clavate, the club compressed and divided into short pectinate leaves : jaws projecting beyond the head so as to resemble horns, toothed : 2 palpigerous tufts under the lip.

- Alces.* Jaws exerted, 4-toothed at the tip.
 Inhabits *Asia*. *Oliv. Inf.* 1, 8, 1. *tab.* 2. *fig.* 3.
Head large depressed, black, sinuate each side: *jaws* longer than the head, compressed at the tip and armed with a strong tooth in the middle within.
- Giraffa.* Jaws exerted, depressed, with many different sized teeth: lip rounded.
 Inhabits *Asia*. *Olivier's Insects*, 1, 8. *tab.* 5. *fig.* 16.
Jaws very long, the teeth at both ends larger: *thorax* with an unequal margin: *body* black.
- **Cervus.* Jaws exerted, forked at the tip, a small branch near the middle within *Stag Beetle*.
Donovan's Eng Inf. iv. *plate* 13.
 Inhabits *Europe*, in decayed trunks of oak trees, and feeds on the liquor oozing from them: *Female* less, the jaws hardly exerted: *larva* fat, whitish, with ferruginous head and legs.
- Saiga.* Jaws exerted, many-toothed: lip abbreviated, emarginate.
 Inhabits *America*. *Oliv. Inf.* 1, 8. *tab.* 5. *fig.* 18
Body depressed, smooth, black: *jaws* hardly forked at the end.
- Elaphus.* Jaws exerted, 1-toothed, forked at the tip: lip deflected, conic.
 Inhabits *Virginia*. *Olivier's Insects*, 1, 12. *tab.* 3. *fig.* 7.
 Hind margin of the *head* much elevated, emarginate: *female* less, the jaws not exerted.
- Capreolus.* Jaws exerted, the middle denticles differently shaped, forked at the tip.
 Inhabits *Germany*. *Oliv. Inf.* 1, 12. *tab.* 1. *fig.* 12.
 Half the size of *L. cervus*: *jaws* with 2 thick approximate lobed denticles in the middle: *body* black.
- Dama.* Jaws exerted, 2-toothed within, as long as the head.
 Inhabits *Virginia*. *Oliv. Inf.* 1, 15. *tab.* 3. *fig.* 14.
Jaws entire at the end: *thighs* ferruginous.
- Femoratus.* Jaws exerted, 3-toothed: *body* black: *thighs* ferruginous.
 Inhabits *Cayenne*. *Oliv. Inf.* 1, 17. *tab.* 4. *fig.* 10.
Head plane almost without lip: *thorax* more dusky, the fore margin fulvous, ciliate, the hind margin 2-toothed each side: *scutellum* fulvous, silky.
- Bison.* Jaws exerted, many toothed: *thorax* and shells edged with red.
 Inhabits *America*. *Oliv. Inf.* 1, 13. *tab.* 3. *fig.* 6.
 Edge of the *thorax* rufous with a black line.

- Gazella.* Jaws 2-toothed within: body black: shells edged with testaceous.
 Inhabits *Siam*. *Oliv. Inf.* 1, 13. *tab.* 4. *fig.* 13.
Jaws short: *head* with a small plate before the eyes: hind-edge of the *thorax* notched each side: *shanks* angular, grooved.
- Lama.* Jaws exerted, 3-toothed, shorter than the head: thorax angular.
 Inhabits *India*. *Oliv. Inf.* 1, 14. *tab.* 3. *fig.* 8.
- Suturalis.* Jaws exerted, 3-toothed at the base within: body testaceous with a dorsal black line.
 Small. *Oliv. Inf.* 1, 16. *tab.* 5. *fig.* 12.
Head testaceous with a black margin and dorsal line which is bifid at the tip: *thorax* testaceous with a black dorsal line and spot each side at the base.
- Carinatus.* Depressed; thorax unarmed, shorter than the head, the hinder angles excavated.
 Inhabits *India*. *Mus. Lud. Ulr.* 34.
Abdomen very short: *breast* ending behind in an acute angle.
- **Parallel:* Jaws with a lateral elevated tooth within: body depressed.
lepipodus. Inhabits *Europe*. *Oliv. Inf.* 1, 17. *tab.* 4. *fig.* 9.
Donovan's Engl. Inf. VIII. *plate* 264. *fig.* 1.
Body black, very small: *female* with a double prominent dot on the head.
- Tenebrioides* Jaws lunate, 1-toothed: body black: thorax margined: shells substriate.
 Inhabits *Russia*: *abdomen* pitchy.
- Cancroides.* Jaws incurved with a thick differently shaped tooth within: shells punctured, slightly downy.
 Inhabits *Diemen's Land* *Oliv. Inf.* 1, 18. *tab.* 3. *fig.* 11.
Thorax a little grooved: *shanks* ferrate.
- **Caraboides.* Blueish; jaws lunate; thorax margined.
 Inhabits *Europe*. *Oliv. Inf.* 1, 20. *tab.* 2. *fig.* 2.
 Varies in being greenish, with reddish legs and abdomen
- Piceus.* Black, smooth, striate; antennæ, abdomen and legs, pitchy.
 Inhabits *Sweden*. *Stock. Transf.* 1785, *tab.* 8. *f. a.*
- Capensis.* Exscutellate, Black: shells with punctured grooves.
 Inhabits the *Cape*. *Thunberg. nov. Inf.* p. 5. *f.* 1.
- Pilinus.* Exscutellate, black: body depressed: thorax striate.
 Inhabits *Chili*. *Molin's Chili*, p. 184.
- Tarandus.* Scutellate, black, very smooth: jaws exerted, 3-toothed

at the tip, 2-toothed on the inner side.

Inhabits *Africa*. *Stockh. Transf.* 1787, t. 8. f. 2.

Antilope. Jaws exerted, edged on the inner side, the upper margin 2-toothed, lower 5-toothed.

Inhabits *Africa*. *Stockh. Transf.* 1787, t. 8. f. 3.

Body brown, nearly smooth.

Bubalus. Black; jaws bifid, one part projecting, subunate, 3-toothed within; the other larger, deflected, arched, entire.

Inhabits *Georgia*. *Stockh. Transf.* 1787, t. 8. f. 4.

Interruptus Antennæ arched: body black, with a recumbent spine on the crown: thorax and abdomen remote.

Passalus interruptus. *Fabric.* 1. 2. p. 240.

Oliv. Inf. 1. t. 3. f. 5.

Inhabits *America*, under rotten sugar canes.

Thorax and shells ciliate, with rufous.

Dentatus. Antennæ arched: head many-toothed: thorax punctured at the sides: thorax and abdomen remote.

Passalus dentatus. *Fabric* 1. 2. p. 241.

Oliv. Inf. 1, tab. 4, fig 14.

Inhabits *Guadeloupe*; much less than the last.

Body depressed, black: head with numerous short elevated teeth: thorax grooved in the middle, not ciliate: shells grooved: legs short.

Minutus, Antennæ arched: thorax and abdomen remote: ferruginous, shells testaceous.

Passalus Minutus. *Fabric.* 1. 2. p. 241.

Inhabits *South American Islands*.

Body depressed, hardly larger than a louse: jaws exerted, short, unarmed, pointed: shells hardly striate.

3. DERMESTES. Antennæ clavate, the club perfoliate, 3 of the joints thicker: thorax convex, slightly margined: head inflected and hid under the thorax.

Leather-eater.

The larvæ or grubs of this tribe devour dead bodies, skins, leather, and almost any animal substance, and are exceedingly destructive to books and furniture.

A. Jaw bifid.

**Lardarius* Black; shells cinereous on the upper half.

Inhabits

Inhabits *Europe*. *Oliv. Inf.* 2, 9. t. 1. f. 1.

This insect is the common pest of museums, libraries and preparations of natural history, and is also found in old bacon: the *larva* is oval and hairy.

Carnivorus Black; shells testaceous on the upper half: abdomen white.

Oliv. Inf. 2, 9, 7, 2. t. 2. f. 8.

Inhabits *New Holland*, *Zealand* and *Germany*.

Antennæ brown, the club ferruginous: *head* and *thorax* black, grey downy at the sides: *legs* black.

Cadaverinus. Black; mouth ferruginous.

Inhabits *St. Helens*. *Oliv. Inf.* 2, 9. t. 2. f. 9.

Antennæ brown, the club ferruginous: *abdomen* ashy beneath.

Macellarius Black, smooth: legs pitchy.

Inhabits *Germany*. *Oliv. Inf.* 2, 9. t. 2. f. 13.

* *Pellio*. Black; shells with each a white spot.

Donovan's Engl. Insects, VII. plate 231, fig. 3.

Oliv. Inf. 2, 9. tab. 2. fig. 11.

Inhabits *Europe*; in skins, old books, bacon &c.

Larva oblong, hairy, with a bristly tail.

* *Undatus*. Oblong, black: shells with a double white waved band.

Inhabits *Europe*. *Oliv. Inf.* 2, 9. tab. 1. fig. 2.

Found chiefly in rotten animal substances.

Trifasciatus Oval, black: shells with 3 waved cinereous bands.

Inhabits *Europe*. *Oliv. Inf.* 2, 9. t. 1, f. 7.

Edge of the *thorax* cinereous at the base: *shells* with a cinereous dot at the tip.

20-guttatus Oblong, black with 20 white dots.

Inhabits *Saxony*. *Sulz. Inf. tab.* 2. fig. 8.

Thorax with a white hairy dot each side the base: *shells* with 9 each

Tigrinus. Oblong, downy: *thorax* dotted with black: shells cinereous with 4 brown spots

Inhabits *Italy*: size of the last.

Body black: *shells* dull cinereous, with 4 large brown spots.

Bicolor. Oblong, black, beneath testaceous: shells striate.

Inhabits *Germany*.

Thorax smooth, pale testaceous at the edge: *breast* and *abdomen* testaceous.

Vulpinus. Oblong, smooth, black: sides of the *thorax* cinereous, downy: beneath whitish.

Inhabits the *Cape*. *Oliv. Inf.* 2, 9. tab. 1. fig. 3.

Head cinereous: *scutellum* testaceous, downy: *shells* naked, smooth, immaculate

immaculate, : *breast* and *abdomen* white : *legs* black.

- Felinus*. Oblong, downy, cinereous, immaculate.
Inhabits *Van Diemen's Land*.
When old is less hairy, and more brown.
- Hirticollis*. Oblong, head and thorax with ferruginous down.
Inhabits *Bar. ary* : resembles *D. murinus*.
Antennæ black, the club perfoliate, rufous : *head* and *thorax* hairy, rufous : *shells* naked, black : *breast* snowy : *abdomen* black.
- **Murinus*. Oblong, downy, clouded with black and white : *abdomen* snowy.
Oliv. Inf. 2, 9, 8, 5. *tab.* 1. *fig.* 3.
Inhabits *Europe* : in putrid carcases.
Larva oblong, brown, mouth black.
- **Tessellatus*. Oblong, downy, clouded with brown and cinereous : *abdomen* cinereous.
Inhabits *England*. *Oliv. Inf.* 2, 9. *tab.* 2. *fig.* 10.
- **Violaceus*. Blueish-black : *thorax* downy ; *legs* black.
Inhabits *Europe*. *Degeer Inf.* 4. *tab.* 1. *fig.* 13.
- Cæruleus*. Blue, hairy, linear.
Inhabits the *Cape*. *Thunb. nov. inf.* 1. *p.* 10.
- Rufipes*. Blueish-black ; *thorax* downy : *legs* rufous.
Inhabits *Africa*. *Thunb. nov. spec.* 1, 10.
- Ruficollis*. Violet ; *thorax* and base of the *shells* rufous.
Inhabits *India*. *Thunb. nov. spec.* 1, 8. *f.* 7.
Head black : *thorax* smooth, immaculate : *shells* striate, with most minute dots : *breast* rufous : *abdomen* violet, rufous at the base.
- Sanguinicollis*. Long, hairy, violet : *thorax* and *abdomen* rufous.
Inhabits *Saxony*. *Panz Natur. tab.* 1. *fig.* 13.
Thorax rough, rufous, immaculate : *shells* blue, polished : *legs* black.
- Lycoperdi*. Subpubescent, ferruginous - brown : *antennæ* black, the club ferruginous.
Inhabits *Germany* ; on the *lycoperdon bovista*.
Thorax and *shells* immaculate : *legs* ferruginous.
- Bipunctatus*. Oblong, smooth, black ; *thorax* ferruginous : *shells* testaceous, with a black dot.
Inhabits *Germany* : small.

Antennæ ferruginous, the club black : *head* black, *crown* ferruginous : *thorax* ovate, naked, ferruginous : *shells* striate : *breast* and *legs* ferruginous : *abdomen* black.

Agarici. Oblong, black, polished : legs ferruginous.

Found on the agaricus fimetarius.

Antennæ blackish, the club ferruginous : *head* and *thorax* naked, black, immaculate : *shells* naked, pitchy.

**Fumatus.* Oblong, testaceous : eyes black.

Ips fumatus. Oliv. Inf. 2, 18. tab. 3, fig. 24.

Inhabits Europe : on flowers and in houses.

**Tomento-* Oblong, downy grey : head with 2 oblong spots.

sus. Inhabits England. Oliv. Inf. 2, 9. tab. 3. fig. 17.

Fuscus. Oblong, brown, immaculate.

Inhabits Keil ; on fungi.

6-dentatus. Oblong, brown : thorax grooved, 6-toothed each side.

Inhabits Germany : club of the *antennæ* rufous.

Lunatus. Oblong, black : shells with a dorsal cinereous lunule.

Inhabits Sweden : small.

Shells with 2 common lunules in the middle.

Unidentatus Oblong, testaceous : thorax 1-toothed each side.

Ips unidentata. Oliv. Inf. 2, 18. tab. 1, f. 4.

Inhabits France ; small : *shells* punctured.

Bidentatus. Oblong, ferruginous : thorax carinate.

Inhabits Germany : entirely ferruginous.

Picipes. Oblong, dusky : legs pitchy.

Inhabits Saxony : body immaculate.

Nigripes. Oblong, black : legs dark brown.

Inhabits Saxony : resembles the last.

Obscurus. Oblong, cylindric, brown : *antennæ* and legs testaceous.

Inhabits Germany : half the size of *D. picipes*.

Testaceus. Oblong, ferruginous : shells and legs testaceous.

Inhabits Germany : very small.

Scaber. Grey : thorax and shells rough.

Inhabits N. Holland. Oliv. Inf. 2, 9. tab. 2, fig. 14.

Small, grey, rough, with raised dots : *thorax* with a crenulate margin.

Chinensis. Oblong, ferruginous : shells striate.

In seeds brought from China : *shells* punctured.

- Scanicus.* Black; thorax and dot on the shells testaceous.
Inhabits Sweden. *Herbst Arch. tab. 20, fig. 2.*
Head and thorax testaceous: shells smooth, black, with a testaceous dot at the base: abdomen black: legs testaceous.
- Limbatus.* Brown; shells punctured, with a cinereous border.
Inhabits N. Zealand. *Oliv. Inf. 2, 9. t. 2. f. 15*
Thorax rounded, a little grey on the fore part: legs black tipped with grey.
- Eustatii.* Black, smooth, very obtuse: legs ferruginous.
Inhabits St. Euftace, on fungi: size of a louse.
- Fenestralis.* Chestnut: head blackish: thorax brown.
Inhabits Europe, in windows.
- Variabilis.* Oval, palish: shells quite naked.
Inhabits Denmark, on fungi: small.
Body sometimes blackish.
- Serra.* Oval, black, antennæ yellow, the club oblong ferrate.
Inhabits Sweden: size of D. pellio.
Body polished immaculate: antennæ ferrate on one side.
- Cellaris.* Oval, blackish: club of the antennæ testaceous: thorax crenate.
Ips cellaris. *Oliv. Inf. 2, 9, tab. 1. fig. 3.*
Inhabits Germany, on Walls; $1\frac{1}{2}$ line long.
Thorax and Shells naked: varies in being brown or testaceous.
- Minutus.* Oval, blackish: base of the antennæ and legs yellow.
Inhabits Denmark: minute.
- * *Pedicularius.* Oval, testaceous; base of the abdomen black: shells abbreviated.
Inhabits Europe, on flowers. *Herbst. t. 20. f. 6.*
Head testaceous: eyes large black: shells naked, those of the male a little paler immaculate, of the female black at the future: abdomen black.
- Urticæ.* Oval, black, polished: antennæ, and legs testaceous: shells abbreviated.
Inhabits Germany, on the nettle.
- Brachyp-terus.* Oval, black, polished: legs pitchy: shells half as long as the abdomen.
Inhabits Germany: small.
Head and body naked, slightly polished.
- Hemipterus.* Shells half as long as the abdomen, the outer base and tips testaceous.

Inhabits *Surinam*: size of a louse.

Antennæ capitate: legs ferruginous.

Bifasciatus. Black; shells with 2 waved yellow bands, thorax tessellate with cinereous.

Inhabits the *Cape*. *Thunb. Nov. Inf.* 1. p. 6. fig. 3.

Interruptus. Black; shells with an interrupted red band at the base.

Thunburg, Nov. Inf. 1. p. 6. fig. 3.

Marginatus. Black; sides of the thorax, breast and incisures of the abdomen white.

Thunburg Nov. Inf. 1 p. 7. fig 6.

Inhabits *India* and the *Cape*: entirely hairy.

Piceus. Entirely ferruginous: shells striate.

Inhabits the *Cape*. *Thunb. Nov. Inf.* 1. p. 8.

Capensis. Black, Hairy: shells flexile, violet with 2 white bands.

Inhabits the *Cape*. *Thunb. Nov. Inf.* 1. p. 9. fig. 8.

Cafer. Black, smooth: shells with 2 yellow bands.

Inhabits the *Cape*. *Thunb. Nov. Inf.* 1 t. 9 fig. 9.

Viridis. Green, Hairy: legs red.

Inhabits *Africa*. *Thunb. Nov. Inf.* 1 p, 9.

Fimetarius. Yellowish-brown: thorax margined: antennæ and legs tawny.

Herbst. Arch. Inf. 4. p. 21. tab. 20 fig. 3.

Inhabits *Berlin*, on dung and flowers: convex.

Longicornis. Brown; antennæ long: thorax excavate in the middle: shells punctured.

Inhabits *Berlin*. *Herbst. Arch.* p. 23. tab. 20. f. 8.

Flavesceus. Ferruginous, beneath yellowish: head darker: eyes black: thorax round.

Inhabits *Bavaria*. *Schranck. Ent. Mag.* 1 p. 140.

Fulvipes. Black, oblong: shells punctured: legs fulvous.

Geoffr. Inf. par. 1 p. 108. n. 21.

Sulcatus. Brown-red: eyes black: shells grooved punctured.

Inhabits *Sweden*. *Swed. Transf.* 4. p. 2. n. 1.

Fenestratus. Brown; shells with 16 pale spots; all the flanks spinous.

Inhabits *Upsal*. *Swed. Transf.* 4 p. 3. n. 3.

Linearis. Body and shells linear, ferruginous: head and thorax brown.

Inhabits *Sweden*. *Swed. Transf.* 4. p. 4. n. 4.

Ater. Black, polished: shells thinly punctured.
Inhabits Upsal. Swed. Trans. 4. p. 4. n. 5.

Fasciatus. Black; shells with 2 waved yellowish bands.
Inhabits Upsal. Swed. Trans. 4. p. 9. n. 7.

B. Jaw. 1-toothed. apate.

Marginatus Brown; edge of the shells dotted with ferruginous: fore-legs palmate.

Heterocerus Marginatus. Fabric. 1. 1. 262.

Inhabits Europe. Bosc. Aët. Paris. 1.

Antennæ short, recurved, first joint oval, 2 globular, 3, 4 heart-shaped, 5 globular, the rest serrate.

Muricatus. Shells reticulate, behind retuse and toothed: thorax muricate gibbous.

Ligniperda terebrans. Pall. Zool. 9. tab. 1. fig. 3.

Inhabits S. America, in the sugar cane.

Cornutus. Thorax projecting each side beyond the head, ferrate, rough.

Bostrichus cornutus. Oliv. Inf. 77. t. 1. f. 5.

Inhabits Madagascar: small.

Thorax covered with ferruginous down: shells with punctured striæ.

Hamatus. Shells 1-spined before the tip: fore edge of the thorax 2 hooked, toothed.

Inhabits Saxony, in wood.

Head brown; mouth downy ferruginous: thorax rounded, with a strong toothed hook each side covering the base of the head: shells punctured.

Monachus. Shells obtuse: thorax gibbous truncate.

Ligniperda cornuta. Pall. Zool. 9. t. 1. fig 4.

Inhabits S. American Islands.

Head black, with long thick rufous hair on the front: thorax globular with short denticles at the sides: shells obtuse, entire: abdomen pitchy.

Jesuita Shells entire variolous: thorax truncate before.

Inhabits New Holland.

Antennæ black, ferruginous at the tip: thorax rounded, muricate with small teeth before.

Femoralis. Cylindric, black: shells retuse: fore-thighs thickened.

Inhabits the Island Santa Cruz.

Body black polished: head and thorax punctured: antennæ yellowish: shells polished, retuse behind, the edge a little prominent:

legs

legs short dull ferruginous: fore-thighs thick, compressed emarginate beneath, the tip dilated, rounded: shells sometimes punctured.

Capucinus. Black; shells and abdomen rufous: thorax emarginate retuse.

Bostrichus niger Geoff. *Inf.* 1. tab 5. fig 1.

Inhabits Europe, in the decayed trunks of trees.

2-maculatus. Thorax gibbous, rough, with a large white spot dotted with black each side: shells 1-spined behind.

Inhabits France. *Oliv. Inf.* 77. tab. 2 fig 14.

Thorax gibbous muricate: shells reticulate black with an obtuse spine before the tip.

Sinuatus. Thorax gibbous muricate: shells at the tip retuse sinuate. Inhabits France, less than the last.

Antennæ yellow: thorax black: shells with a large sinuosity.

Tridens. Shells retuse toothed: body pitchy: thorax gibbous, toothed before.

Inhabits St. Thomas Island.

Head small inflexed: antennæ yellowish: shells naked, pitchy with 3 teeth behind.

Dispar. Black; thorax gibbous, rough before: shanks testaceous.

Inhabits Germany in trunks of trees.

Thorax subvillous: shells striate, entire: legs black: shanks testaceous.

Signatus. Black; thorax testaceous with 2 black dots and a line in the middle: shells pale with a black line behind.

Inhabits Germany: half the size of *D. Capucinus*.

Thorax downy: shells punctured, striate, the future black.

* *Domesticus*. Black; shells grey, edged round with black: thorax gibbous, covered with ferruginous down.

Inhabits Europe. *Geoff. Inf.* 1. t. 1, f. 6.

This is the little insect which makes the round holes in our wooden furniture, reducing it to powder.

Volvulus. Black, naked, polished: legs pitchy.

Inhabits France: small, cylindrical.

Minutus. Black; shells entire, pitchy: thorax rough before.

Inhabits New Zealand: small.

Antennæ yellowish: thorax rounded, gibbous, rough, with raised dots: shells naked: legs testaceous,

Ruficornis. Brown; head retracted: antennæ and legs rufous.

Inhabits

Inhabits *Europe*. *Mus. Lesh. p. 5. n. 108. b.*

C. *Feelers* 4, *clavate*, the last joint larger. *Colydium*.

Sulcatus. Ferruginous; thorax grooved.
Inhabits *Germany*, under the bark of trees.
Thorax with 2 grooves: shells naked.

Elongatus. Black; legs ferruginous.
Ips linearis. Oliv. Inf. 2, 18. t. 2. f. 17.
Inhabits *Europe*, in old wood.
Body filiform: thorax with 3 impressed lines: shells with crenate striæ.

Filiformis. Black; shells grooved, the base and legs ferruginous.
Inhabits *Saxony*, nearly resembles the last.

Surinamensis. Testaceous; thorax crenate, carinate on the back.
Ips frumentaria Oliv. Inf. 2, 18. tab. 2. fig. 13.
Inhabits *South America*, in flour and meal which has been kept too long.
Shells striate: body sometimes brown.

4. BOSTRICHUS. *Antennæ* clavate, the club solid: thorax convex, slightly margined: head inflected and hid under the thorax.

These are a very fertile and voracious tribe, and very destructive to woods: they make those deep, irregular channels, so often observable in the bark and wood of trees.

Flavicornis Rufous; shells black, spinous and toothed at the tip: antennæ yellow.
Inhabits *North America*; small, cylindric.
Club of the antennæ compressed: thorax cylindric; shells substriate, toothed, the hind-tooth elongated into a spine: body beneath and legs brown.

Cylindrus. Cylindric, black: shells striate, downy at the tip and toothed: legs compressed, testaceous.
Inhabits *Germany*, in the oak.
Head nearly retuse, black: antennæ yellow, the club large, compressed: shells covered with rufous down.

**Typographus*. Testaceous, hairy: shells striate, retuse, indented.
Degeer Inf. 4. tab. 6. fig. 1, 2.

Inhabits

Inhabits *Europe* and *America*, under the bark of trees, especially of the fir kind, where it gnaws a deep channel with numerous lateral and nearly parallel ones: varies in colour and size.

- Laricis.* Black; shells retuse, indented: legs pitchy.
Inhabits *Germany*, under the bark of the *pinus larix*.
- Chalcographus.* Black; shells indented, rufous.
Found under the bark of trees.
Varies in its colour; sometimes black.
- Polygraphus.* Blackish; shells glaucous, somewhat obtuse.
Inhabits *Europe*. *Herbst. Arch. tab. 20. fig. 9.*
- Monographus.* Blackish; thorax rufous: shells retuse and toothed at the tip.
Inhabits *Germany*: small,
Body cylindric, slightly downy: legs reddish.
- **Micoographus.* Ferruginous: shells entire, testaceous.
Inhabits *Europe*, under trees; small.
Front covered with silvery down.
- **Scolytus.* Smooth, blackish: shells truncate, entire: abdomen retuse: front downy, ashy.
Geoffr. Inf. 1. tab. 5. fig. 5.
Inhabits *England*, in the bark of elm trees.
Shells striate, a little longer than the abdomen: abdomen retuse, black.
- Crenatus.* Smooth, black; shells entire with crenate striæ.
Inhabits *Germany*: resembles the last.
Head and thorax naked: legs pitchy.
- Oleiperda.* Downy, brown: shells striate, grey: legs testaceous.
Inhabits *France*, and is destructive to the olive tree.
- Olea.* Downy, grey: club of the antennæ elongated, yellowish.
Inhabits *Southern France*, in the olive tree.
- Pygmæus.* Black, polished: shells entire, rufous: abdomen retuse.
Inhabits *Saxony*: very small.
- Ligniperda.* Downy, blackish: 4 hind-shanks ferrate.
Inhabits *Germany*: larger than *B. piniperda*.
Antennæ testaceous: shells striate, a little retuse at the tip: legs short, testaceous.
- Abietinus.* Downy, black: shells naked, pitchy.
Inhabits *Germany*; in the fir tree.
- Villosus.* Downy, pitchy: legs testaceous.
Inhabits *Germany*: half the size of *D. piniperda*.
Body rough with reddish hairs: shells striate, entire.

- Piniperda*. Subvillous, black : shells with crenate striæ : ends of the legs rufous.
Degeer Inf. 4. tab. 6. fig. 8, 9.
 Inhabits the lower branches of fir trees, which it perforates, dries up and destroys.
- Testaceus*. Smooth, testaceous : shells naked, as long as the abdomen.
 Found in the trunks of pines.
Body oblong, immaculate, rarely blackish.
- Volvulus*. Smooth, testaceous : mouth and tail black.
 Inhabits *America* : in wood.
- * *Pubescens*. Downy, black : antennæ and legs yellowish : front downy.
 Inhabits *Europe* : small.
- Ater*. Smooth, black, polished : shells naked : legs pitchy.
Ips cylindrica. Oliv. Inf. 2, 18. tab. 2. fig. 16.
 Inhabits *Germany* : in old wood.
- * *Melanocephalus*. Downy, grey : head black : legs yellowish.
 Inhabits *Europe* : small.
Thorax and shells grey, sometimes with a black patch, or a few black dots.
- Vittatus*. Subvillous, brown : shells with an abbreviated cinereous stripe.
 Inhabits *Holſace* : very small.
Head black : thorax immaculate.
- Minutus*. Smooth, black, immaculate : shells entire.
 Inhabits *Kiel*, very minute : legs testaceous.
- Bidens*. Brown ; shells retuse at the tip, 1-toothed near the end.
 Inhabits *Keil*, very minute : legs testaceous.
- Maculatus*. Black ; shells with a waved red band and dots.
 Inhabits *Sweden*. *Thunb. nov. Inf. 1. p. 7. f. 5.*
Antennæ moniliform : is probably not of this genus.
- Bifasciatus*. Black ; shells yellow, with 2 bluish-black denticulate bands.
 Inhabits *Siberia*. *Lepech. It. 2. t. 10. f. 3.*
- Limbatus*. Black ; shells yellowish margined, bordered with brown.
 Inhabits *Pomerania*. *Herbst Arch. 1. t. 20. f. 11.*
- Fuscus*. Brown ; shells with striæ meeting at the tip : shanks toothed without : ends of the legs rufous.
 Inhabits *Europe*. *Mus. Lesh. p. 6, n. 112.*

Testaceous

Pilosus. Testaceous, hairy: shells striate punctured, retuse and toothed at the tip.
Inhabits Germany. *Mus. Lesh.* p. 6. n. 113.

5. SYNODENDRON. *Antennæ* clavate, the club lamellate: *thorax* gibbous, muricate or unequal: *lip* filiform, horny, palpigerous at the tip.

**Cylindricum.* Thorax truncate before, 5-toothed: head with an erect horn.
Scarabæus cylindricus Gmelin, p. 1532.
Oliv. Inf. 1, 3. t. 9, f. 80.
Inhabits Europe. Female unarmed.

Muricatum Thorax muricate, gibbous: shells 2-spined before the tip.
Bostriechus bidentatus Gmelin, p. 1602.
Olivier's Insect, 77, tab. 1. f. 1.
Inhabits Europe and Africa; in wood.
Shells dull testaceous, retuse behind, with a long black hooked tooth at the suture, and another lesser one at the margin: *antennæ* testaceous.

Capucinus. Shells entire, black; thorax rough before.
Bostriechus capucinus Gmelin, p. 1600.
Inhabits Coromandel. half the size of the last.
Thorax with numerous raised denticles before: shells naked retuse at the tip.

Dominicanum. Smooth, black, dusky: shells striate: legs pitchy.
Inhabits S. America: small.
Head black, bent under the thorax: *thorax* prominent before; shells entire striate.

6. MELYRIS. *Antennæ* entirely perfoliate: head inflected under the thorax: *thorax* margined: *lip* clavate, emarginate: *jaw* 1-toothed, pointed.

Viridis. Green; shells with 3 raised lines.
Inhabits the Cape. *Oliv. Inf.* 2. 21. tab. 1, fig. 1.
Antennæ black: *thorax* reflected at the edge, and grooved on the back: *scutel* small round: shells rough.

Niger. Black; shells with 3 raised lines.
In the Museum of Sir Jos. Banks.

About a third the size of the last: *thorax* a little prominent before:
shells rough.

Lineatus. Green; shells with 3 raised lines, and one each side the thorax.

About half the size of *M. Viridis*: *thorax* grooved, with a raised line each side: lines on the *shells* crenate.

7. PTINUS. *Antennæ* filiform, the last joints larger: *thorax* nearly round, not margined, receiving the head.

A *Feeler's* clavate; lip entire. Anobium.

* *Teffellatus* Brown; thorax even: shells slightly teffellate.
Oliv. Inf. 2. 16. *tab.* 1. *fig.* 1.
Inhabits *England*, in carcases.

Striatus. Brown; thorax uneven, with 2 ferruginous dots at the base:
shells striate.
Inhabits *Keil.* *Oliv. Inf.* 2. 16. *tab.* 1. *fig.* 4.
Thorax with 2 abbreviated dorsal ridges.

Rufipes. Black; thorax roundish: shells striate: legs ferruginous.
Inhabits *Germany*: less than the last.
Thorax with a small impressed dot at the base: *antennæ* ferruginous.

Castaneus. Downy, chestnut: shells striate.
Inhabits *France.* *Oliv. Inf.* 2, 16. *tab.* 1. *fig.* 2.

* *Pertinax.* Brown, immaculate: thorax compressed.
Oliv. Inf. 2. 16. *tab.* 2. *fig.* 7.
Inhabits *Europe*, and is very destructive to wooden furniture and books; when touched draws in its head and legs, and becomes immovable: is destroyed by the *Attellabus formicarius*.

Boleti. Brown, opaque: legs testaceous.
Scopol Carn. 16. 42.
Inhabits *Germany*, on fungi.
Body very rarely testaceous..

* *Mollis.* Testaceous; eyes black: shells naked.
Inhabits *Europe.* *Oliv. Inf.* 2. 19. *tab.* 2. *fig.* 8.

Paniceus. Downy, ferruginous: shells striate.
Oliv. Inf. 16. *tab.* 2. *fig.* 9.
Found in bread which has been kept too long.

Brown;

- Abietis.* Brown ; naked : shells and legs testaceous.
Inhabits *Germany* ; in the fir tree.
- Planus.* Brown ; thorax plane : shells with crenate striæ.
Inhabits *Keil* : thorax a little reflected.
- Capensis.* Ferruginous ; shells striate, paler.
Inhabits the *Cape of good hope*.
- Minutus.* Testaceous ; thorax rounded : shells substriate pubescent.
Found in dried plants brought from *Italy*.
Thorax naked ; legs testaceous.
- Micans.* Smooth, brown : shells naked : legs testaceous.
Inhabits *Germany* : body above paler.
- Nitidus* Naked, black, polished : legs testaceous.
Inhabits *Germany* : deep black.
- * *Pulsator.* Subvillous, dusky, with irregular grey brown spots.
Death Watch.
Naturalist's Miscellany. III. tab. 104.
Inhabits *Europe* in old wooden furniture ; makes a peculiar ticking with the fore part of its head, resembling the beating with the nail upon a table ; this is done in 7, 9, or 11 distinct strokes in the night time, and has been considered by vulgar superstition as forerunning some fatal occurrence in the family, but is nothing more than the call of one sex to the other.
- Fagi.* Black ; antennæ tawny : shells grooved and punctured.
Inhabits *Berlin.* *Herbst. Arch.* 4. tab. 20. fig. 12.
- Ferrugineus* Ferruginous ; eyes black : shells obsoletely striate.
Inhabits *Germany.* *Herbst. Arch.* 4. t. 20. fig. 13.
- Testaceus.* Ferruginous ; eyes black : shells very smooth.
Inhabits *Berlin.* *Herbst. Arch.* 7. p. 158, n. 4.
- Fuscus.* Brown ; body speckled with grey ; scutel grey : antennæ ferruginous.
Inhabits *Europe.* *Mus. Lesh.* p. 6. n. 121.
- Rufus.* Rufous with a yellow gloss : thorax with a yellow spot each side behind : shells striate and punctured.
Inhabits *Europe.* *Mus. Lesh.* p. 6. n. 122.
- Ferruginosus* Ferruginous ; thorax uneven : shells punctured striate : antennæ reddish.
Inhabits *Europe.* *Mus. Lesh.* p. 6. n. 123.

Striatulus. Testaceous; shells lightly striate: 3 last joints of the antennæ much larger.

Inhabits *Europe*. *Mus. Lesh.* p. 6. n. 127.

Brunneus. Brown; shells lightly striate, pubescent.

Inhabits *Europe*. *Mus. Lesh.* p. 6. n. 128.

B. *Feelers filiform; lip bifid.* Ptinus.

Pubescens. Pubescent, black: shells striate, testaceous,

Inhabits *France*. *Oliv. Inf.* 2. 17. tab. 1. fig. 7.

Germanus. Brown; thorax 4-toothed: antennæ and legs ferruginous.

Inhabits *Europe*. *Oliv. Inf.* 2. 17. tab. 1. fig. 6.

Shells downy brown, varied with cinerous: antennæ as long as the body.

Longicornis. Black, polished; legs yellowish.

Inhabits *Germany*. *Geoff. Inf.* 1. 231. 2.

Antennæ longer than the body: legs yellow, black at the ends.

* *Fur*. Testaceous; thorax 4-toothed: shells with 2 white bands.

Oliv. Inf. 2, 17, 6, 3. tab. 1. fig. 1.

Inhabits *Europe*, and is exceedingly destructive to museums, books, furniture, preserved subjects of natural history, and dry seeds: larva 6-footed, fat, soft, hairy, ferruginous, the dorsal segments a little prominent: nymph contained in a glutinous follicle: female without wings.

* *Imperialis*. Brown; thorax sabcarinate: shells with a lobed white spot.

Oliv. Inf. 2. 17. tab. 1. fig. 4.

Inhabits *Europe* on trees: very small.

Antennæ and legs ferruginous: scutell snowy: spot on the shells resembling the eagle of the imperial standard.

Crenatus. Brown; thorax gibbous: shells with crenate striæ, immaculate.

Inhabits *Germany*: less than *Pt. fur*.

Antennæ as long as the body: thorax slightly tuberculate.

Latro. Testaceous, immaculate: thorax 2-toothed.

Inhabits *Strasbourg*. *Oliv. Inf.* 2. 17. tab. 1. fig. 3.

Antennæ as long as the body: thorax narrow, rounded with 2 sharp dorsal teeth: shells punctured striate: thighs clavate:

Denticornis. Black; shells striate: antennæ ferrate.

Inhabits *Paris*: antennæ and legs testaceous.

Serricornis. Thorax gibbous, deflected: body testaceous: antennæ ferrate.

Inhabits dried herbs from *America*.

Eyes globular, black: shells naked.

Spinicornis. Oblong, 2 lower joints of the antennæ longer and spinous.

Inhabits *Sandwich Islands*. *Oliv. Inf.* 2, tab. 1. fig. 5.

Head channelled, black, polished: thorax thin, cylindric, dull
shells oblong, naked, pellucid: legs black.

Sulcatus. Whitish; thorax downy, with 4 grooves: shells connected, brown-testaceous, polished.

Found in dried plants brought from the *Canary Islands*.

Antennæ white, as long as the body: head small, pale: shells gibbous: legs whitish.

**Scotius*. Thorax naked, pitchy: shells connected, brown-testaceous, polished.

Oliv. Inf. 2. 17, tab. 1. fig. 2.

Inhabits *Europe*, on the birch tree.

Antennæ clothed with white down: legs downy, whitish.

Striatus. Thorax gibbous, with 2 tubercles: shells globular, striate.

Inhabits *Saxony*: size of the last.

Thorax elevated, grey: shells grey.

Upsaliensis. Testaceous; eyes black: shells striate: thorax plano-convex.

Inhabits *Upsal*. *Upsal Transf.* 4. p. 6, n. 2.

Faber. Dull testaceous: shells naked, waved with cinereous.

Inhabits *Holland*. *Upsal. Transf.* 4. p. 6. n. 10.

Apterus. Head brown; front channelled: shells, legs and antennæ rufous: thighs clavate: shanks ciliate.

Mus. Lesh. p. 7, n. 130.

8. HISTER. Antennæ clavate, the club solid; the last joint compressed, decurved: head retractile within the body: mouth forcipated: shells shorter than the body, truncate: fore-shanks toothed, hind-shanks spinous.

Major. Black; shells substriate: thorax ciliate at the edges.]

Inhabits *Africa*. *Oliv. Inf.* 1, 6. t. 1, f. 4.

Thorax ciliate with ferruginous hair.

Hist. Maximus of *Gmelin* differs only in size.

Unicolor

- Unicolor*. Black ; shells obliquely striate.
Inhabits *Europe* and *America*. *Oliv. Inf.* 1, 6. *tab.* 1. *fig.* 1.
- Glabratus*. Black, polished : shells punctured, substriate, as long as the abdomen.
Inhabits *Germany* : shells retuse behind.
- Semipunctatus*. Brassy-black, polished : shells obliquely striate at the base, obsoletely punctured at the tip.
Inhabits *Barbary*. *Herbst. Arch. tab.* 35, *fig.* 6.
All the *shanks* compressed and ferrate.
- Scaber*. Black, rough with elevated dots.
Inhabits *Spain* : legs black.
- Cyaneus*. Thorax brassy : shells blueish.
Inhabits *New Holland*. *Oliv. Inf.* 1. *t.* 3. *f.* 17.
Head dusky : thorax subpunctured at the edge : shells polished, abbreviated, obliquely striate at the base : legs black.
- Planus*. Plane opake, black : shells quite naked.
Inhabits *Helvetia*. *Oliv. Inf.* 1, 8. *tab.* 3, *fig.* 22.
- Brunneus*. Ferruginous : shells substriate.
Inhabits *Sweden*. *Oliv. Inf.* 1, 8. *tab.* 3. *fig.* 21.
- Pygmæus*. Black ; shells naked, smooth.
Inhabits *Europe*. *Oliv. Inf.* 1, 8. *tab.* 3. *fig.* 24.
- Depressus*. Depressed, black, polished : shells substriate.
Oliv. Inf. 1, 9, *t.* 2. *f.* 9.
Found under the bark of birch trees.
- 4-dentatus*. Depressed, black, polished : shells with a single stripe : jaws exerted, longer than the head.
Inhabits *North America*. *Oliv. Inf.* 1, 8. *t.* 2. *f.* 11.
- Maxillofus*. Depressed, black, polished ; shells striate : jaws exerted, longer than the head.
Inhabits *America*. *Oliv. Inf.* 1, 8. *t.* 2. *f.* 8.
Body large, depressed, black : jaws very large, as long as the thorax, the left one dilated at the base within and toothed : thorax plane, rounded behind : shells abbreviated.
- Sulcatus*. Black ; thorax with 5 raised lines, shells with 3, the interstices punctured.
Inhabits *Europe*. *Oliv. Inf.* 1, 8. *tab.* 1. *fig.* 6.
Small ; head a little prominent each side above the eyes : fore-legs toothed,

- Oblongus*. Depressed, black, polished: shells striate: body oblong.
Inhabits *Sweden* under the bark of the roots of the ash tree.
- Abbreviatus*. Black; shells with crenate striæ, the inner ones abbreviated.
Inhabits *America*: size of *H. pigmæus*.
- Sinuatus*. Black; shells with a sinuate rufous spot in the middle.
Inhabits *Germany*. *Oliv. Inf.* 1, 8. *tab.* 1, *fig.* 5.
Shells striate on the inner edge, smooth at the future.
- Cruciatns*. Black; shells testaceous with a common black cross.
Inhabits *Barbary*; size of *H. sinuatus*.
Shells smooth, polished, the future and spot crossing it in the middle black, hind margin black.
- **2-maculatus*. Black; shells striate with a red spot behind.
Inhabits *Europe*. *Oliv. Inf.* 1, 8. *tab.* 2. *fig.* 12.
- **4-maculatus*. Black; shells with 2 red spots on each.
Inhabits *Europe*. *Oliv. Inf.* 1, 8. *t.* 3, *f.* 15.
- **Æneus*. Brassy; shells striate at the base, punctured at the tip.
Inhabits *Europe*. *Geoff. Inf.* 1, 8. *tab.* 2, *fig.* 10.
- Detritus*. Black, shining; shells pitchy, dusky at the tip.
Inhabits *New Holland*. *Oliv. Inf.* 1, 8. *t.* 2. *f.* 16.
Shells with 4 oblique striæ at the base, the tip dusky and punctured.
- Picipes*. Oblong, black: shells very short: antennæ and legs pitchy.
Inhabits *Germany*. *Oliv. Inf.* 1, 8. *t.* 2. *fig.* 14.
Shells abbreviated and not striate.
- Cæsius*. Black; thorax with a transverse groove: antennæ ferruginous.
Inhabits *Germany*. *Herbst Arch.* t. 36. *f.* 3.
- Apterus*. Tawny; wings 0.
Inhabits *Italy*. *Scopol. Ent.* n. 3.

9. GYRINUS. *Antennæ* cylindrical: *jaws* horny, 1-toothed, sharp-pointed: *eyes* 4, 2 above and 2 beneath: *thorax* and *shells* margined, the latter shorter than the body: *legs* formed for swimming.
Water-flea.

These are to be found on the surface of waters, on which they run and describe circles with great celerity; when attempted to be taken, they plunge to the bottom, drawing after them a bubble resembling a globe of quicksilver.

- **Natator*. Oval, faintly striate, black.
Geoff. Inf. 1. p. 194, tab. 3. fig. 3.
 Inhabits stagnant pools of *Europe*.
- Bicolor*. Black, beneath ferruginous: hind-legs compressed.
 Inhabits *Sweden*: larger than the last.
- Australis*. Substriate, greenish: shells abbreviated, 1-toothed.
 Inhabits *New Holland*.
 Shells truncate: 4 hind-legs ferruginous.
- Americanus*. Smooth, black, opaque: 4 hind-legs short, testaceous.
 Inhabits *America*; larger than the last.
- Micans*. Smooth, olive, polished; shells with a glossy band behind.
 Inhabits *Guinea*. the largest of its tribe.
 Body olive, with a coppery and silvery gloss, beneath black:
 hind-legs testaceous.
- Spinosus*. Black, polished: thorax and shells edged with yellow:
 shells spinous.
 Inhabits *Coromandel*.
 Shells with 2 long sharp spines: body beneath ferruginous: tail
 black.
- Striatus*. Green, polished: edges of the thorax and shells pale: shells
 striate,
 Inhabits *Barbary*. *Thunb. Nov. Inf.* 1, 27.
 Antennæ green: Head brassy green: front sometimes violet: shells
 striate with green and violet, rounded at the tip: legs pale.
- Grossus*. Beneath black: above paler, very smooth: shells rounded at
 the tip.
 Inhabits clear waters of the *Cape of Good Hope*.
- Formosus*. Beneath black; breast, sternum and legs ferruginous; above
 brassy-green: transverse line on the lip, 2 spots on the
 front, transverse interrupted line on the thorax, and
 streaks on the shells gold red.
 Inhabits clear water of the *Cape of Good Hope*.
- Orientalis*. Beneath pale ferruginous, above brassy-black: shells each side
 compressed, slightly striate, bronzed, 4-toothed behind.
 Body roundish: shells as long as the body.

Beneath

*Viola
aquatica.*

Beneath pale ferruginous: above black, with a mouse-
coloured down.
Inhabits salt waters.

10. BYRRHUS. *Antennæ* longer than
the head, clavate, the club perfoliate:
feelers equal, subclavate: *jaw* and *lip*
bifid.

Gigas.

Black; shells punctured, ferruginous.
Inhabits *Austria*. Female armed with a sting.
Legs black: *shanks* compressed, incurved.

**Pilula.*

Brown; shells with black interrupted striæ.
Inhabits *Europe*. *Oliv. Inf.* 2, 13. *tab.* 1. *fig.* 1.

*Albopuncta-
tus.*

Thorax varied with cinereous and black: shells black with
2 lines of white dots.
Inhabits *Germany*: size of the last.
Thorax downy spotted with cinereous and black.

Fasciatus.

Blackish; shells with a waved obsolete rufous band.
Inhabits *Europe*. *Oliv. Inf.* 2, 13. *tab.* 1, *f.* 2.

Ater.

Black, immaculate; shells obscurely striate.
Inhabits *Germany*. *Oliv. Inf.* 2, 13. *tab.* 1, *fig.* 4.

Dorsalis.

Blackish; shells with a transverse ferruginous spot.
Inhabits *Keil*. *Olivier's Insects*, 2, 13, *tab.* 1. *fig.* 5.
Thorax with a few obsolete spots: shells not striate.

Murinus.

Mouse-colour; shells with black lines.
Inhabits *Germany*. *Fabricius Append.* iv. 437.
Very small: body dusky.

Semistriatus

Black, polished: antennæ and legs yellow.
Inhabits *Germany*. *Fabricius App.* iv. 437.
First joint of the antennæ black: shells black, striate at the base.

**Varius.*

Black; thorax brassy: shells striate, green.
Inhabits *England*. *Oliv. Inf.* 2, 13. *tab.* 1, *fig.* 6.
Shells sometimes brown, spotted with black.

Aeneus.

Entirely brassy.
Inhabits *Europe*. *Oliv. Inf.* 2, 13. *tab.* 1. *fig.* 3.
Body beneath mouse-colour: scutell white.

Minutus.

Black, dusky: shells very smooth.
Inhabits *Germany*. *Fabricius App.* iv. 437.

Nitidus. Polished; above brassy-green, beneath black.
Inhabits *Saxony*, under stones.

Virescens. Greenish: scutel pale yellow.
Inhabits *Europe*. *Mus. Lesh.* p. 6, n. 116.

11. ANTHRENUS. *Antennæ* clavate, the club solid: *feelers* unequal, filiform: *jaws* membranaceous, linear, bifid: *lip* entire: *head* hid under the thorax.

Pimpinellæ Black; shells with a white band, the tip ferruginous with a white blotch.

Inhabits *Europe*. *Oliv. Inf.* 2, 14. tab. 1. fig 4.

Thorax black spotted with white and ferruginous.

Histrion. Black; shells with 2 marginal white spots and a white blotch behind.

Inhabits *Germany*. size of the last.

Shells with 2 transverse white spots on the outer edge, and a dot or 2 in the middle: *body* whitish: *abdomen* with marginal black dots.

**Scrophulariæ* Black; shells spotted with white, the future sanguineous.
Inhabits *Europe*. *Oliv. Inf.* 2, 14. tab. 1. fig. 5.

**Museorum.* Clouded; shells faintly clouded.

Oliv. Inf. 2, 14, t. 1. f. 1.

Is found principally in books and museums.

**Verbasci.* Black; shells with 3 waved white bands.
Inhabits *Europe*; on the verbasum.

Varius. Thorax and shells variegated with brown and cinereous: body cinereous.

Inhabits *Paris*: size of the former ones.

Pubescens. Thorax and shells grey, pubescent.
Inhabits *Germany*. *Nitidula pubescens* Gmelin p. 1631.

Hirtus. Black; thorax and shells pubescent.
Inhabits *Germany*. *Nitidula hirta* Gmelin p. 1631.

Glaber. Smooth, black: shells legs and antennæ brown.
Inhabits *Berlin*. *Herbst Arch.* 4. p. 26. n. 4.

Vagus. Cinereous; shells with 3 black obsolete bands.
Inhabits *Sweden*: is perhaps not of this genus.

- Fuscus*. Brown, clothed with fine yellow down pale at the tip.
Inhabits *Europe*. *Mus. Lesh.* 20, n. 119. b.
- Serraticornis*. Black, spotted with white: antennæ yellow, the club elongated, ferrate.
Inhabits the Island *Santa Cruz*.
Head cinereous: *shells* black varied with white and rufous at the base, 3 white spots in the middle, and 2 waved white streaks on the tip.
- Denticornis*. Black; thorax yellowish at the edge: shells spotted with white: antennæ yellow, the club elongated, ferrate.
Inhabits the Island *Santa Cruz*.
Head black: *shells* black speckled with white: *body* black: *legs* yellowish.

12. SILPHA. *Antennæ* clavate, the club perfoliate: *shells* margined: *head* prominent: *thorax* somewhat flattened, margined. *Carrion-beetle*.

These are chiefly found under the loose bark of trees, or on the half decayed carcasses of animals, upon which both the grub and the insect feed.

A. *Lip dilated, bifid: jaw 1-toothed*.

- Surinamensis*. Black; shells with a yellow band behind: hind-thighs toothed.
Inhabits *South America*.
- **Littoralis*. Black; shells naked, with 3 raised lines: thorax rounded, polished.
Inhabits *Europe*. *Oliv. Inf.* 2, 11. tab. 1. fig 8.
- Livida*. Brown, thorax shells and legs livid.
Inhabits *Germany*. *Oliv. Inf.* 2, 11. t. 1. f. 8.
- Indica*. Black; shells with 2 ferruginous bands: thorax 1-toothed before.
Inhabits *India*.
- Micans*. Black with a green polish: shells striate, truncate, 1-toothed.
Inhabits the *Cape of Good Hope*.
Tail rufous: *shells* black, with 3 elevated striæ, 1-toothed at the future.
- Americana*. Depressed, black: thorax yellow, black in the centre.
Inhabits *America*. *Oliv. Inf.* 2, 11. t. 1. f. 9.
Shells rugged, immaculate.

Grossa. Pitchy; shells punctured, with 3 raised lines: thorax transverse, emarginate.

Inhabits *Europe*, *Oliv. Inf.* 2, 11, t. 1, f. 2.

Body oval: shells with crowded dots.

**Thoracica* Black; shells with a single elevated line: thorax testaceous.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, tab. 1, fig. 3.

Donovan's Eng. Inf. 11, plate 63 fig. 1.

In Mr. *Donovan's* plate and description, the shells have each 3 raised lines.

Lævicollis. Gibbous, black: shells ridged with 3 raised lines: thorax smooth, emarginate.

Inhabits *New Holland*. *Oliv. Inf.* 2, 11, t. 2, f. 15.

Large; shield subtruncate: shells with 3 raised lines, and between these 3 others less raised.

Marginalis. Black; edge of the thorax pale: legs brown.

Inhabits *America*. *Oliv. Inf.* 2, 11, tab. 1, fig. 5.

Thorax sinuate at the edge: scutell black: shells with 3 raised lines: legs black.

**Rugosa*. Blackish; shells ridged with 3 raised lines: thorax ridged, sinuate behind.

Oliv. Inf. 2, 11, 17, tab. 2, fig. 17.

Inhabits very commonly in *Europe*; consumes dead carcases, fish and flesh of all kinds: when caught emits a very fetid humour.

**Atrata*. Black, shells smooth, punctured, with 3 raised lines: thorax entire.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, tab. 1, fig. 4.

Inequalis. Black; shells smooth with 3 raised lines: thorax uneven, emarginate.

Inhabits *North America*.

Thorax with raised lines.

Lunata. Black; shells rough, with 3 raised lines: thorax plane emarginate.

Inhabits *Austria*. *Oliv. Inf.* 2, 11, tab. 2, fig. 19.

Thorax nearly as long as the shells, emarginate, with 2 dorsal spots: shells rough with raised dots.

**Lævigata* Black; shells smooth, subpunctured.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, tab. 1, fig. 1.

Shells without raised lines.

* *Obscura*. Black; shells punctured, with 3 raised lines: thorax truncate before.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, *tab.* 2, *fig.* 18.

Donovan's Eng. Inf. ii. *plate* 63, *fig.* 4.

Thorax with a blueish gloss.

Reticulata. Black; thorax smooth: shells rugged, with 3 raised lines. Inhabits *Saxony*: resembles the last, but the shells are rough between the lines.

* *Opaca*. Brown; shells with 3 raised lines: thorax truncate before. Inhabits *Europe*. *Shaeff. Icon.* *tab.* 93. *fig.* 4.

* *Sinuata*. Thorax emarginate, rough: shells with 3 raised lines sinuate at the tip.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, *tab.* 2, *fig.* 12.

Thorax brown with a silvery gloss, rough with raised dots: shells with a rounded cavity at the tip, entire in the other sex.

* *4 punctata*. Thorax yellow, with a large black spot: shells yellow, with 4 black spots.

Inhabits *England*. *Oliv. Inf.* 2, 11, *tab.* 1, *fig.* 7.

Donovan's Eng. Insects 11. *plate* 56. *fig.* 2.

Head, antennæ, and legs black.

Pædemon-tana. Testaceous; antennæ tipped with black.

Inhabits *Italy*. *Oliv. Inf.* 2, 11, *tab.* 1, *fig.* 6.

Shells punctured with 3 obsolete lines.

Ferruginea. Ferruginous; shells with 6 blackish raised lines: thorax emarginate broader than the head.

Inhabits *Europe*. *Oliv. Inf.* 2, 4, *tab.* 2, *fig.* 13.

Oblonga. Black; shells striate and punctured, with 6 raised lines; thorax emarginate.

Inhabits *Europe*. *Oliv. Inf.* 2, 11, *tab.* 2, *fig.* 16.

Scabra. Oblong, black; thorax before, and shells before the tip 2-toothed.

Inhabits *Europe*.

Thorax brown, emarginate: shells with 2 raised lines: legs black.

Undata. Black, polished: shells with 2 white waved bands, and a white spot at the tip.

Inhabits *Saxony*, under the bark of trees.

Shells smooth: *Body and legs* brown.

Limbata. Black, edges of the thorax and shells subferruginous: shells with numerous raised obsolete lines.

Inhabits *Africa*. *Oliv. Inf.* 2, 11, *tab.* 2, *fig.* 14.

- Minor.* Black; base of the antennæ and legs yellowish.
Inhabits *Germany*; about the size of a louse.
Shells abbreviated smooth: legs yellowish.
- Succinea.* Ferruginous, polished: shells black in the middle.
Inhabits *Sweden*: larger than the last.
- Fusca.* Brown, elongated; beneath pitchy.
Inhabits *Sweden*: size of a louse.
- Uralensis.* Above black, beneath ferruginous: edges of the thorax and shells reddish.
Lepech. It. 1. p. 312. tab. 16. fig. 3.
Inhabits the deserts of *Ural*, and buries the carcasses of other insects in the sand: is probably not of this genus.
- * *Grisea.* Grey; shells smooth: thorax emarginate.
Inhabits *Europe*.
- B. Lip rounded entire: jaw 1-toothed. Mycetophagus.
- * *4-maculata.* Thorax and Shells black, the latter with 2 rufous spots: body rufous.
Inhabits *Europe*. *Herbst. Arch. tab. 61. fig. 10.*
Donovan's Eng. Insects 6: p. 185. fig. 2.
Antennæ ferruginous, brown before the tip. shells striate.
- Bicolor.* Black; beneath, antennæ and legs ferruginous.
Inhabits *S. American Islands*: oblong.
- Dermestoides.* Brown; abdomen and legs testaceous.
Inhabits *Germany*, on fungi,
Thorax and shells hardly striate.
- Atomaria.* Black; shells with fulvous dots, and band on the hind part.
Inhabits *Saxony*. Band on the shells waved.
- Multipunctatus.* Rufous; shells substriate with numerous rufous dots.
Inhabits *Sweden*, on fungi.
Antennæ and legs pitchy.
- Picicornis.* Black; shells striate: antennæ and legs pitch.
Inhabits *S. American Islands*.
- Sanguinicolis.* Black; thorax, 2 spots on the shells and legs rufous.
Inhabits *Saxony*: middle sized.
Antennæ pale at the tip: thorax polished immaculate: Shells smooth naked.

Picea. Pitchy; shells striate black, the base and band behind ferruginous.

Inhabits *Germany*: small.

Head blackish: mouth and antennæ pitchy: thorax with an impressed dot at the base each side.

Fulvicollis. Black; thorax rufous: shells striate, the edge and 2 spots yellow.

Inhabits *Germany*: legs rufous.

Punctata. Pitchy; shells subpunctured black, ferruginous at the base. Inhabits *Germany*, on fungi.

Nigricornis. Yellow; antennæ black.

Inhabits *Saxony*: body immaculate.

Castanea. Black; shells striate: antennæ and legs chestnut. Inhabits *Germany*: small.

Metallica. Brassy; legs ferruginous.

Inhabits *Saxony*.

Antennæ black, reddish at the base: shells substriate.

Testacea. Testaceous, immaculate.

Inhabits *Germany*: small smooth polished.

C. Lip horny, entire: jaw bifid. Scaphidium.

4-notata. Black; shells truncate, with 2 rufous spots.

Inhabits *Germany*. *Oliv. Inf.* 2, 20. tab. 1. fig. 1.

Antennæ long, the 5 last joints perfoliate: shells a little shorter than the body: abdomen acute.

4-pustulosa. Black, polished: edge of the thorax and spot on the shells sanguineous.

Inhabits *New Holland*.

Shells truncate: abdomen very acute.

Agaricina. Black, polished: antennæ and legs yellow.

Inhabits *Europe*. *Oliv. Inf.* 2, 20. tab. 1. fig. 4.

Shells truncate, shorter than the abdomen: body black immaculate: Abdomen pointed.

D. Lip emarginate, conic: jaw bifid. Ips.

Fasciata. Black; shells with 2 rufous bands, the fore-one spotted with black.

Inhabits *North America*; large, oblong.

Grandis. Black; shells with 2 rufous spots.

Inhabits *Africa*; large.

Bipunc-

- Bipunctata*. Black; shells rufous with a large black spot.
Inhabits *Southern Europe*: tail rufous.
- Bipustulata*. Black; shells with a rufous spot at the base.
Inhabits *Saxony*: antennæ and legs rufous.
- Dorsalis*. Pale; shells with a black spot in the middle.
Inhabits *Southern Europe*.
Shells with a black lunate common spot.
- *-4 *pustulata*. Black; shells with 2 ferruginous dots.
Inhabits *Europe*. *Oliv. Inf.* 2, 12. *tab.* 3. *fig.* 22.
Larva oblong, hairy, grey.
- *-6 *pustulata*. Black; shells striate, with 3 rufous spots.
Inhabits *Northern Europe*.
Antennæ pitchy; *thorax* ferruginous at the edge: spot at the base of the *shells* sinuate, middle one uniform, that at the tip small round: *Body* beneath rufous.
- 4-*guttata*. Black, polished: shells with 2 white spots, the fore-one sinuate.
Inhabits *Europe*. *Oliv. Inf.* 2. 12. *tab.* 3. *fig.* 25.
- Ferruginea*. Ferruginous; shells testaceous.
Inhabits *Germany*; shells slightly striate.
- * *Nigripennis*. Rufous; antennæ shells and breast black.
Erotylus Russicus. *Oliv. Inf.* 89. *t.—fig.* 3.
Inhabits *Europe*, on trees.
- Hæmorrhoidalis*. Rufous; shells black tipped with rufous.
Inhabits *Sweden*. Male with 2 horns on the head.
- * *Rufipes*. Black; head thorax and legs ferruginous.
Inhabits *Europe*. *abdomen* black.
- * *Ænea*. Scarlet; shells brassy immaculate.
Inhabits *Europe*: *Antennæ* black.
- Humeralis*. Black; head, thorax, spot at the base of the shells and legs red.
Inhabits *Sweden*. *Swed. Transf.* 1. p. 4. n. 6.
Antennæ rufous: *shells* and *thorax* smooth.
- Lunata*. Black, spot at the base of the shells and lunule on the hind part ferruginous.
Inhabits *Germany*: small.
Thorax black, the edge a little ferruginous: *legs* ferruginous.

* *Rufifrons*

- * *Rufifrons*. Black ; front, 2 spots on the shells and legs ferruginous.
Inhabits *England*: small.
Antennæ black, the club rufous: *thorax* smooth immaculate:
shells smooth.

E. *Lip heart-shaped, emarginate, crenate.* *Nicrophorus*.

- * *Germanica* Black ; front and edge of the shells ferruginous.
Inhabits *Europe*. *Oliv. Inf.* 2, 10. *tab.* 1. *fig.* 2.
Shells sometimes with a ferruginous spot or two.
Deposits its eggs in the carcasses of other insects, and buries
them under ground.

- Humator*. Black ; antennæ rufous at the tip.
Inhabits *Europe*. *Oliv. Inf.* 2. 10. *tab.* 1. *fig.* 2.

- Grandis*. Black ; 2 spots on the shells and impressed front rufous.
Inhabits *America*. *Oliv. Inf.* 2. 10. *tab.* 1. *fig.* 2.
Antennæ black, the club rufous: *thorax* rounded, the sides
pitchy with a black margin: hind spot on the shells sinuate:
breast golden-downy.

- * *Vespillo*. Black ; shells with 2 ferruginous sinuate bands: club of the
antennæ red.
Donovan's Eng. Insects. I. *pl.* 23.
Inhabits *Europe*, in putrid carcasses: smells of musk and flies
very swiftly, with its wings erect.
Hind-thighs large, 1-toothed near the base.

- Mortuorum*. Black ; shells with 2 ferruginous bands: club of the anten-
næ black: hind thighs unarmed.
Inhabits *Germany* in carcasses and fungi.

F. *Lip square, emarginate.* *Sphæridium*.

- * *Scarabæ-* Oval, black: shells with 2 ferruginous spots.
oides. *Donovan's Eng. Insects.* vii. *plate* 231. *fig.* 4.
Inhabits *Europe*: very common in dung.

- Lunata*. Oval, black ; shells with a lunate yellow spot at the tip.
Inhabits *Germany*: size of the last.

- 2-pustulata*. Black, polished: shells with a red spot at the tip: legs
pitchy.
Inhabits *Germany*: in dung.

- Colon.* Yellow: spots on the thorax; and marginal spot on the shells black.
Inhabits Sweden. *Dermestes colon.* Gmelin. p. 1597.
Head black; antennæ yellow, the club black: thorax downy with 6 spots disposed in a streak: abdomen black edged with yellow.
- Globus.* Globular, black: thorax rufous.
Inhabits Paris: size of the next.
Antennæ brown: legs pitchy.
- Lutea.* Yellow; shells downy smooth.
Inhabits Sweden. Oliv. Inf. 2. 12. tab. 3. fig. 28.
- Dytiscoides.* Ferruginous; shells black.
Inhabits St. Helens: body naked polished.
- Glabrata.* Black; antennæ and legs rufous: shells smooth.
Inhabits Germany and Madeira.
- Nitida.* Black, polished: shells with a red spot at the base.
Inhabits Sweden. Oliv. Inf. 2. 15. tab. 1. fig. 2.
Antennæ and legs pitchy: Abdomen rufous.
- Abdominalis* Black, polished: abdomen and legs ferruginous.
Inhabits South American Islands.
Body above black, smooth: shells substriate.
- Marginata.* Smooth, black: edge of the shells and legs ferruginous.
Inhabits Saxony. Oliv. Inf. 2, 13. tab. 1. fig. 3.
- Ferruginea.* Ferruginous; shells striate.
Inhabits Germany. Oliv. Inf. 2. 15. tab. 3. fig. 14.
- * *Atomaria.* Smooth, black: shells with crenate striæ: legs pale,
Inhabits Europe. Geoffr. Inf. 1. p. 107. n. 19.
- * *Melanophala.* Black, smooth: shells grey with a common black spot at the base.
Inhabits Europe. Oliv. Inf. 2. 15. tab. 1. fig. 4.
- Lugubris.* Black, polished: shells striate: legs rufous.
Inhabits Paris. Oliv. Inf. 2. 15. tab. 2. fig. 12.
- Smidtii.* Ferruginous; shells smooth grey.
Inhabits Germany. *Sphæridium stercorum*, Fabr. I, i. 81.
Shells blackish at the suture.

- Fascicularis* Black; shells with fasciculate ferruginous dots.
Inhabits France. *Oliv. Inf. 2. 13. tab. 2. fig. 7.*
- Hæmorrhoidalis.* Black; shells rufous at the tip: legs black,
Inhabits Europe. *Oliv. Inf. 2, 15. tab. 2. fig. 6.*
Shells striate, a little longer than the abdomen.
- Flavipes.* Black; shells rufous at the tip: legs rufous.
Inhabits Holland: shells lightly striate.
- * *Unipunctata.* Black; shells yellowish with a common black spot.
Inhabits Europe. *Oliv. Inf. 2, 15. tab. 2. fig. 8.*
Shells sometimes immaculate.
- Lævissima.* Black, polished: thorax with a rufous border: shells quite smooth.
Inhabits Germany. *Sphæridium limbatum Fabr.*
Abdomen and legs rufous.
- Ruficollis.* Black, polished: thorax and fore-legs rufous.
Inhabits Saxony. *Oliv. Inf. 2, 15. tab. 2. fig. 7.*
Small, gibbous: shells truncate, with a large rufous spot near the base: abdomen very sharp.
- Rufescens.* Rufous, polished: shells black: antennæ brown.
Inhabits Germany. *Sphæridium nigripenne Fabr.*
Antennæ brown, rufous at the base: shells smooth.
- Bicolorata.* Above black: beneath ferruginous: shells very smooth with a ferruginous spot.
Inhabits Saxony: small.
- * *Fimetaria* Black, immaculate: shells very smooth.
Inhabits Europe in dung.
- Obscurior.* Testaceous; head more dusky.
Inhabits South America: small, smooth.
- Ænea.* Brassy, polished: shells very smooth: legs black.
Inhabits Germany: half the size of *S. fimetaria*.
- Seminula.* Black; abdomen and legs rufous.
Inhabits Europe in dung.
- * *Minuta.* Black shells striate: legs the same colour.
Inhabits England. *Oliv. Inf. 2. 15. tab. 2. fig. 5.*

- * *Pulicaria*. Oblong, black: shells abbreviated: abdomen pointed.
Inhabits *Europe*, on flowers. *Oliv. Inf. 2, 12. tab. 3. fig. 27.*

G. *Lip long, entire: antennæ serrate.* Hypophlæus.

- * *Taxicornis*. Smooth, polished, chestnut: antennæ black.

Hyspa picipes Gmelin. 1732.

Ips taxicornis. *Oliv. Inf. 2, 18. tab. 1. fig. 2.*

Inhabits *Europe*, under the bark of elm trees,

- Linearis*. Smooth, black: shells antennæ and legs testaceous.
Found under the bark of the *Pinus sylvestris*.

- Fascialis*. Smooth, black: shells testaceous with a black band.
Found under the bark of oak trees.

- * *Depressa*. Smooth, ferruginous: shells substriate.
Body depressed. *Oliv. Inf. 2, 18. tab. 2. fig. 8.*
Inhabits *Europe*, under oak bark.

- Oblonga*. Oblong, rufous: shells testaceous, tip with black.
Ips bicolor. *Oliv. Inf. 2, 18. tab. 2. fig. 14.*
Inhabits *France*, under the bark of trees.
Abdomen testaceous, tip with black: legs testaceous.

- Bicornis*. Oblong, rufous: head 2-horned,
Inhabits *France*; small.
Head with 2 erect short horns: body immaculate.

H. *Lip and jaw unknown.*

- Insignita*. Black; shells obsoletely striate with 2 large scarlet spots.
Inhabits *Berlin.* *Herbst. Arch. tab. 20. fig. 18.*

- Nigricans*. Blackish; shells very smooth, with 4 yellow spots.
Inhabits *Berlin.* *Herbst. Arch. tab. 20. fig. 19.*

- Histeroides*. Black; antennæ and legs red: shells abbreviated, with a red spot.
Inhabits *Upsal.* *Thunb. Act. Ups. 4, 8: 12.*
Oblong narrow; about the size of a louse.

- Biguttata*. Entirely ferruginous: shells with a pale line and spot.
Inhabits *Upsal.* *Thunb. Act. Ups. 4, 8, 12.*

- Ruficornis*. Black, naked: antennæ abdomen and legs ferruginous.
Inhabits *Europe.* *Mus. Lesh. p. 7. n. 142.*

Erilis.

- Exilis* Black, naked, minute : head and thorax incurved.
Inhabits *Europe*, *Mus. Lesk.* p. 7, n. 144, C.
- Spadicea* Ferruginous-brown ; naked : head and thorax incurved.
Inhabits *Eurtge*. *Mus. Lesk.* p. 8, n. 144, A.
- Trilineata* Shells punctured, with 3 raised lines, the middle one very long.
Inhabits *Europe*. *Mus. Lesk.* p. 8, n. 144, B.
- Melanophthalma* Testaceous ; eyes black : shells with 5 black dots, 1 at the scutel common.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 160.
- Multicolor* Black ; antennæ and legs rufous : thorax testaceous, brown on the back with 2 impressed dots : shells testaceous, 2 spots, stripe in the middle, unequal band towards the tip, and tip itself black.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 171.
Antennæ tipped with brown.
- Leskiana* Brown ; legs rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 9, 172, 174.
- Nebulosa* Testaceous ; head thorax and shells clouded with brown.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 173.
- Rubiginosa* Thorax narrow, grooved on the back ; body brown : shells rugged : head, thorax, abdomen and legs ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 174, b.
- Pallipes* Black ; head, thorax, shells and legs pale ; eyes black.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 174, d.
- Squida* Brown-testaceous ; head, thorax, tips of the antennæ and shells testaceous : shells dirty testaceous : legs livid.
Mus. Lesk. p. 9, n. 174, c.
- Striatula* Ferruginous ; shells very finely striate.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 174, f.
- Tricolor* Black ; antennæ and legs rufous. shells reddish-brown.
Inhabits *Europe*. *Mus. Lesk.* p. 9, n. 174, g.

13. NITIDULA. *Antennæ* clavate, the club solid : shells margined : head prominent : thorax a little flattened, margined.

A. *Lip* cylindrical.

* *Bipustula*

- * *Bipustulata* Oval, black : shells with a red dot.
Inhabits *Europe*. *Oliv. Inf.* 2, 12. *tab.* 1, *fig.* 2.
Destroys carcasses, meat and bacon.
- 4-pustulata* Oval, brown ; shells with 2 red spots.
Inhabits *Germany* : larger than the last.
Shells sometimes spotted on the margin : legs rufous.
- Obscura* Oval, black, dusky : legs pitchy.
Inhabits *Germany*. *Oliv. Inf.* 2, 12. *tab.* 1, *fig.* 3.
- Abbreviata* Oval, black, dusky : shells smooth, obtuse, abbreviated.
Inhabits *New Zealand*. *Oliv. Inf.* 2, 12, *tab.* 1, *fig.* 5.
Body a little downy : shells nearly truncate, much shorter than the body : legs rufous or black.
- Marginata* Oval ; shells grooved, the edge and spots on the disk ferruginous.
Inhabits *Italy*. *Oliv. Inf.* 2, 12, *tab.* 2, *fig.* 15.
Body beneath pitchy : thorax black with a broad ferruginous border.
- * *Æstiva* Testaceous, subvillous : thorax transverse, emarginate : eyes black.
Inhabits *Europe*. *Oliv. Inf.* 2, 12, *tab.* 3. *fig.* 23.
- Obsoleta*. Oval testaceous : shells smooth : thorax emarginate.
Inhabits *Europe*. *Oliv. Inf.* 2, 12, *tab.* 2. *fig.* 9.
- * *Ferruginea* Oval, subvillous, ferruginous ; shells striate.
Nitidula striata. *Oliv. Inf.* 2, 12. *t.* 1, *fig.* 7.
Inhabits *England* ; on the lycopodon.
Head brown, the front impressed : thorax emarginate before : shells obscurely punctured and striate : body beneath black : legs ferruginous.
- Imperialis*. Oval, black ; shells with connected white spots forming 2 streaks, the edge rufous.
Inhabits *Germany* : resembles the next.
Thorax polished, pale at the edge : legs pale.
- Strigata* Oval, brown ; edge of the thorax and shells, line at the base and streak across the tip of the latter fulvous.
Inhabits *Saxony*. *Oliv. Inf.* 2, 12, *tab.* 2. *fig.* 12.
Club of the antennæ ferruginous at the end : body black : legs fulvous.
- 10-guttata*. Oval, brown ; edge of the thorax and 5 spots on the shells pale.
Inhabits *Germany*. *Oliv. Inf.* 2, 12, *t.* 3. *f.* 24.
Head brown ; mouth and antennæ ferruginous : dots on the shells, 2, 1, 2 : legs ferruginous.

- Varia.* Oval ; thorax and shells varied with black and ferruginous.
Inhabits Keil. *Oliv. Inf. 2, 12. tab. 2, fig. 10.*
Body brown : *thorax* variegated, edged with ferruginous : *shells* striate edged with ferruginous : *legs* ferruginous.
- Sordida.* Oval, black ; thorax and shells dull ferruginous.
Inhabits Germany, very much resembles the last.
Head black : *thorax* with a paler spot or two : *body* black : *shanks* ferruginous.
- Flexuosa.* Oval, black ; edge of the thorax and flexuous spot on the shells yellow.
Inhabits France. *Oliv. Inf. 2, 12. tab. 1. fig. 6.*
Antennæ black : *legs* yellow.
- Bicolor.* Ferruginous ; shells black, with a ferruginous band at the base and dot at the tip.
Inhabits Keil. *Fabricius, 1. p. 259.*
Antennæ rufous : *abdomen* brown.
- Colon.* Black ; shells varied with ferruginous, thorax emarginate.
Inhabits Europe. *Oliv. Inf. 2, 12. tab. 1, fig. 1.*
- Limbata.* Black ; edge of the thorax and border of the shells ferruginous.
Inhabits Saxony. *Oliv. Inf. 2, 12. t. 3. f. 18.*
Small ; *legs* ferruginous.
- Hæmorrhoidalis.* Black ; shells ferruginous at the tip.
Inhabits Hamburg : half the size of *N. colon.*
- **Discoïdes.* Black ; disk of the shells ferruginous : thorax margined.
Inhabits England and Germany.
Thorax unequal : *scutel* black : *shells* black, with a large common ferruginous spot on the disk.
- **Reticularia.* Black ; shells smooth : thorax margined.
Inhabits Europe. *Oliv. Inf. 2, 12. tab. 3. fig. 21.*
- 6-pustulata.* Black ; shells truncate : 3 dots on the shells, tail and legs rufous.
Inhabits Germany ; on flowers : small.
Shells abbreviated, black.
- Litura.* Testaceous ; shells with a black arched blotch.
Inhabits Saxony : small.
Abdomen black : *legs* testaceous.
- Testacea.* Thorax testaceous, with a black spot : shells testaceous, with a black band in the middle, dotted with testaceous.
Inhabits Keil : small.
Head testaceous : *shells* smooth

- Floralis.* Black ; shells testaceous, the future black.
Inhabits *S. America* ; small.
Mouth a little reddish : *shells* polished : *body* black : *legs* testaceous.
- * *Aenea.* Brassy-green ; antennæ and legs black.
Inhabits *England.* *Oliv. Inf.* 2, 12. *tab.* 3, *fig.* 20.
- Viridescens.* Brassy-green ; legs rufous.
Inhabits *Keil.* *Oliv. Inf.* 2, 12. *tab.* 4. *fig.* 30.
- Hemiptera.* Ferruginous ; shells abbreviated, testaceous, immaculate.
Inhabits *South American Islands.*
- Dimidiata.* Black ; shells abbreviated, brown : legs ferruginous
Inhabits *S. American Islands* : minute.
Shells much shorter than the body.
- Truncata* Testaceous ; shells truncate with a common black spot at the base.
Inhabits *Germany* ; small.
Club of the antennæ darker : *body* black.
- * *Rufipes* Black ; polished : legs pale.
Inhabits *England.* *Oliv. Inf.* 2. 12. *tab.* 5. *fig.* 23.
Body black with a purple gloss : *joints* of the legs black.
- Setacea.* Ochraceous ; immaculate : eyes black : shells very smooth.
Herbst. Arch. Inf. 4. p. 36. n. 6.
- Pectoralis* Brown ; head and legs ferruginous : club of the antennæ yellow.
Herbst. Arch. Inf. 4, 41. n. 12, *tab.* 21, *fig.* M. m.
- Pilosa* Black ; shells villous : antennæ and legs ferruginous.
Inhabits *Germany.* *Herbst. Arch.* t. 21, *fig.* G, g.

B. Lip square. Elophorus.

- * *Aquatica.* Brown ; thorax rough and with the shells brassy-brown.
Degeer Inf. 4. p. 379, *tab.* 15, *fig.* 5, 6.
Inhabits *Europe* ; in stagnant waters.
- * *Nubila.* Grey ; thorax and shells grooved and rugged.
Inhabits *Europe* : legs grey.
- Elongata.* Thorax punctured, brassy : shells brown, with longitudinal raised lines.
Inhabits *Germany* ; in stagnant water.
Shells with 2 lines of impressed dots between the striæ : *legs* pitchy.

Crenata

- Crenata*. Brown; thorax rugged: shells grooved, crenate.
Inhabits *Germany*; under duckweed.
- Humeralis* Brown; thorax smooth: shells crenate striate, with a humeral testaceous dot.
Inhabits *Germany*: small.
Antennæ and *legs* testaceous..
- Flavipes* Black; thorax grooved: striate shells and legs testaceous.
Inhabits *Sweden*, in stagnant water.
- Pygmaea* Thorax margined, nearly smooth: black; shells striate, the tips and legs ferruginous.
Inhabits *Germany*: small.
Antennæ yellowish: *thorax* immaculate.
- **Minima* Thorax smooth: shells striate: body brown immaculate.
Inhabits waters of *Europe*: very minute.
- Coccinelloides* Black; head, thorax and shells fumate.
Inhabits *Europe*. *Mus. Lesh.* 7, n. 137, b.
- **Fusca* Brown-testaceous; shells punctured striate: antennæ and legs testaceous.
Inhabits *Europe*. *Mus. Lesh.* 7, n. 137, c.

14. OPATRUM. *Antennæ* moniliform, thicker towards the tip: head projecting from a cavity in the thorax: *thorax* a little flattened, margined: shells immarginate, longer than the abdomen.

- Griseum* Cinereous; thorax plane: shells with 3 raised lines toothed behind.
Inhabits *Italy*: larger than *O. fabulosum*.
Body beneath brown.
- Porcatum*. Grey; thorax plane: shells grooved, with raised black dots between the grooves.
Inhabits *Barbary*: size of the last.
- **Sabulosum* Brown; shells with 3 indented raised lines: thorax emarginate.
Inhabits *Europe* and *America*, on sand.

- Gibbum*. Black ; shells with numerous obsolete raised lines.
Panz. Naturf. 24, tab. 1. fig. 10.
 Inhabits Sweden, on sand banks
- Lævigatum* Black ; shield pitchy before ; shells substriate.
 Inhabits New Holland.
Thorax subsinuate, truncate each side.
- Crenatum* Black ; thorax with a crenate edge, the fore angle projecting, the hind-one spinous: shells with crenate striæ.
 Inhabits Sweden on sandy plains.
Shield rounded: legs black.
- Glabratum*. Black ; thorax and shells smooth cinereous.
 Inhabits East India : size of *O. fabulosum*.
- Arenarium* Grey : shells striate.
 Inhabits the Cape of good Hope.
Shield cinereous: legs black.
- Clathratum* Black ; shells with punctured striæ.
 Inhabits Cayenne : size of the former ones.
- Plagum*. Depressed, black, opaque : shells striate, smooth.
 Inhabits Siberia. Shells with smooth striæ.
- Granulatum* Black ; edge of the thorax somewhat reflected: shells with 3 raised lines, the interstices punctured.
 Inhabits sandy plains of Barbary.
- Orientale*. Cinereous ; thorax and shells rugged: fore-shanks dilated, triangular.
 Inhabits sandy plains of the East.
 Head with a transverse raised ridge: shield cleft: thorax and shells rough: legs cinereous,
- Tibiale* Black ; shells punctured, a little rugged: fore-shanks compressed triangular.
 Inhabits Sweden, under trees.
 Shells rough with obsolete raised lines: fore-shanks 2-toothed at the base.
- Agricola* Black ; thorax smooth: shells striate.
 Inhabits Germany; small.
- Minutum* Cinereous ; thorax rough: shells with 4 raised lines.
 Inhabits Sweden: very small.
- Pusillum* Cinereous ; thorax rough; shells with many striæ.
 Inhabits Hungary; very small.

- Quisquili-
arum* Black ; thorax granulate, smooth in the middle ; shells
very smooth.
Herbst Arch. Ins. 4, p. 25, n. 3.
- Cinereum* Black ; clouded with cinereous : shells with punctured
grooves.
Inhabits India. *Herbst. Arch. 4, tab. 43, fig. 10.*
- Melinum* Ochraceous, smooth : thorax and shells faintly punctured.
Herbst. Arch. Ins. 4, p. 37, tab. 21, fig. B. b.
Inhabits Grmany, probably not of this genus.
- Cineterium* Bay, elongated : shells flat, very smooth.
Inhabits Pomerania. *Herbst Ins. tab. 21, fig. C. c.*
- Bipustula-
tum* Ferruginous : shells faintly grooved.
Inhabits Pomerania. *Herbst. tab. 21, fig. D. d.*
- Lithophilus* Black, beneath scarlet : thorax scarlet, emarginate, pointed
at the corners behind : shells very smooth : tarsi 3-jointed
Herbst Arch. Ins. 4, p. 37, t. 21, f. A, a.
Inhabits Germany, of a doubtful genus.
- Monilicorne* Brown ; thorax and shells villous
Inhabits Germany. *Herbst Ins. tab. 21, fig E. e.*
- Silphoide* Black, smooth : thorax dilated backwards : shells with
punctured striæ and 2 fulvous bands.
Herbst Arch. Ins. 4, p. 39, n. 5, tab. 21, fig. L, l.
Found on the oak fungus.
- Unipuncta-
tum.* Brown, hairy ; thorax subcylindric, immarginate, with a
hollow in the middle : 2 last joints of the antennæ
distant and larger.
Herbst Arch. Ins. 4, p. 40, n. 8, tab. 21, fig. H. h.
About 2 lines long ; of a very doubtful genus.
- Bipuncta-
tum* Brown ; thorax subcylindric, immarginate, with 2 hollows :
2 last joints of the antennæ distant and larger.
Herbst Arch. Ins. 4, p. 40, n. 9, tab. 21, fig. I, i.
- Testaceum* Testaceous ; eyes, thorax, shells and antennæ brown, the lat-
ter rufous at the base : and tip : shells with a large testa-
ceous lunale at the base : thorax with 2 impressed dots.
Inhabits Europe. *Mus. Lesh. p. 9, n. 178.*
Shells punctured and striate.
- Brunneum* Reddish-brown with yellow down : shells faintly punctured
striate, with 6 yellow spots : antennæ and legs pale yellow.
Mus. Lesh. p. 10, n. 197.

15. TRITOMA. *Antennæ* clavate, the club perfoliate: *lip* emarginate: anterior *feelers* hatchet-shaped: *shells* as long as the body.

**Bipustala*- Black; shells with a lateral scarlet spot.

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Geoff. Inf. 1. p. 335. n. 1. t. 6. fig. 2.

Inhabits *England*, on tree fungi.

Thorax pointed behind: *shells* striate, with a large scarlet spot at the base, in which is a small brown dot: *legs* pale at the ends.

Glabra

Smooth, black: *antennæ* and legs pitchy.

Inhabits *Sweden*, under the bark of trees.

Shells striate, polished.

Marginata

Black; edge of the abdomen sanguineous.

Inhabits *South American Islands*.

Thorax ferruginous on the fore-edge: *shells* with punctured striæ: *antennæ* and *legs* pitchy.

Rufipes

Black, polished: head, *thorax* and *legs* rufous.

Inhabits *Germany*, on tree fungi.

Dubia

Black; shells and legs testaceous.

Inhabits *Germany*; small.

Head and *thorax* cinereous, somewhat downy: *shells* pointed behind.

Vittata

Rufous; shells black, with a rufous fillet.

Inhabits *India*.

Thorax rufous, the sides thickened yellowish.

Morio

Black, velvety: *antennæ* and *legs* the colour of the body.

Inhabits *Keil*: size of *T. dubia*.

Sericea

Blackish velvety; legs testaceous.

Inhabits *Germany*. *Antennæ* testaceous.

Minuta

Black; shells and legs grey.

Inhabits *Europe*, in fenny places

Depressa

Brown; shells with a single elevated line down the middle.

Cossyphus depressus. *Fabric.* i, ii, p. 97.

Inhabits *East India*. *Herbst Arch.* tab. 46, f. 7.

Edges of the *shield* and *shells* much dilated.

16. TETRATOMA. *Antennæ* clavate, the club perfoliate: *lip* rounded, entire: *feelers* thickish, unequal: *shells* as long as the abdomen.

Fungorum Rufous; head and shells black.
Inhabits *Germany*, on tree fungi.
Antennæ rufous, the club black: *shells* smooth.

Ancora Head and thorax testaceous, shells black with a common lobed white spot.
Inhabits *Germany*; a third part the size of the last.
Antennæ testaceous, the club black: *shells* smooth: *abdomen* black; legs testaceous.

17. CASSIDA. *Antennæ* moniliform: *thorax* and *shells* margined: *head* concealed under the shield: *body* above gibbous, beneath flat, margined.

The larvæ of these insects are generally found under the leaves of plants which they feed upon: by means of their lateral spines, and the bristle at the end of the tail, they form a kind of umbrella, with their own excrements, to shelter themselves from the sun and rain.

**Liriphora* Green; body black; thorax emarginate: sutures and 2 dots on the shells black.
Linnean Transact. vol. iii, p. 8.
Found on the *ferratula arvensis*.
Antennæ pale tipped with black: *thorax* punctulate: *legs* pale: *thighs* black.

**Viridis* Green; body black: thorax entire.
Inhabits *Europe*. *Oliv. Inf.* 97. tab. 2. fig. 29.
Larva 6-footed, depressed, with sharp lateral spines.

**Cruentata* Bright green; shells with a sanguineous dot.
Donovan's Eng. Insects, ii, plate 63, fig. 2, 3.
Found on thistles and verticillate plants.
Body beneath and *thighs* black: *shanks* brown.

Equestris Green; Base of the shells with a silvery streak: abdomen black with a pale border.
Inhabits *Saxony*, on water mint. *Oliv. Inf.* 9, 7, tab. 1. fig. 3.

Maculata

- **Maculata* Greenish : shells variegated with black dots, particularly down the future.
Inhabits *Europe*. *Donavan's Eng. Inf.* viii. pl. 285.
- Affinis* Shells grey dotted with black : thorax yellowish, immaculate
Inhabits *Germany*. *Oliv. Inf.* 97, t. 3. f. 47.
Body black : shells yellowish at the edge.
- Vibex* Greenish ; the dorsal future sanguineous.
Inhabits *Germany*. *Oliv. Inf.* 97, tab. 2. fig. 30.
- Cruenta* Yellowish ; shells punctured, with a sanguineous fillet in the middle.
Inhabits *East India* ; small.
Shield rounded, yellowish, with a sanguineous line in the middle and lateral spot each side : dots and future of the shells sanguineous : body black : abdomen and legs yellowish.
- Austriaca* Thorax and shells dusky, dotted with black, the margin rufous immaculate.
Inhabits *Austria*. Shells with impressed dots.
- **Nebulosa* Pale, clouded, dotted with brown.
Inhabits *Europe*, on thistles. *Sceæff.* tab. 17, f. 4.
Body black : margin of the abdomen and legs yellowish.
- Atrata* Black ; shield sanguineous on the fore-part.
Inhabits *Austria*. Shells rugged.
- Murraea* Above red : shells spotted with black : body black.
Inhabits *Germany*. *Oliv. Inf.* 97, t. 1. f. 7.
- Ferruginea* Black ; thorax and shells ferruginous immaculate.
Inhabits *Germany*. *Oliv. Inf.* 97, t. 1. f. 2.
Less than *C. viridis* : shells punctured.
- Limbata* Head, thorax and shells dusky, the margin reddish.
Inhabits *Saxony*. *Oliv. Inf.* 9, 7. tab. 1. fig. 15.
Thorax smooth : shells punctured : body reddish.
- Marginella*. Green ; margin of the thorax and shells yellow.
Inhabits *Brazil* : shells punctured.
- Cincta*. Thorax and shells dusky, with a yellowish margin : shells with a white hyaline spot before the edge.
Inhabits *Africa*.
- Hebraea*. Pale ; shells with numerous difformal black lines.
Inhabits *Cayenne*. *Oliv. Inf.* 97. tab. 1. fig. 8.
Body yellowish : edge of the thorax and shells pale.

- Judaica*. Ferruginous; disk of the shells with impressed dots and black spots.
Inhabits *Cayene*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 23.
Edge of the *thorax* and *shells* paler.
- Obscura*. Dull ferruginous immaculate: shells punctured.
Inhabits *East India*.
Thorax a little rough and with the *shells* punctured.
- Tristriata*. Shells pale; the disk with 3 appronimate black lines, the middle one lesser.
Inhabits *Sarinam*; size of *C. viridis*.
Shield rounded: *body* black.
- Annulus*. Yellowish; disk of the shells black, with 2 yellowish rings and band on the hind-part.
Inhabits *Cayenne*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 14.
Thorax yellowish immaculate.
- 6-punctata*. Yellowish; disk of the shells ferruginous with 6 black dots.
Inhabits *Cayenne*: all the margin pale.
- Interrupta*. Yellowish; thorax immaculate: shells black before the margin and dotted with black.
Inhabits *New Holland*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 34.
Antennæ yellow tipt with black: *shells* with a broad black line interrupted in the middle, the edge with 2 black bands.
- 8-punctata*. Reddish; thorax with 2 black dots: shells with 4 blue-black dots.
Inhabits *Siam*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 38.
Antennæ pale rufous, tipt with black: *shells* punctured, the dots placed 2. 2.
- Deusta*. Reddish; thorax with 2, shells with numerous blue-black dots: shield entire.
Inhabits *N. Holand*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 17.
Antennæ tipt with black: *body* yellowish.
- Cribraria*. Reddish; thorax with 4, shells with numerous black dots: shield emarginate.
Inhabits *America*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 44.
Antennæ tipt with black: *shells* smooth: *body* black.

- * *Nobilis*. Greyish-green; shells with a gold-blue line.
Donovan's Eng. Insects. iv. plate 138. fig. 1, 23.
 Inhabits *Europe*, on thistles and stellate plants.
 Margin of the *thorax* and future of the *shells* blackish: *body*
 beneath black: the fine sky-blue line on the shells vanishes
 in the dead insect.
- Margaritacea*. Greenish; shells silvery-green, polished: head and breast
 black.
 Inhabits *Saxony*. *Oliv. Inf.* 97. tab. 2. fig. 19.
 The colour of the shells vanishes with life.
- Cruciata*. Yellowish; disk of the shells black with 4 yellowish spots.
 Inhabits *Europe*. *Oliv. Inf.* 97. tab. 1. fig. 13.
Shield entire, with 3 black lines reaching only half way, the
 middle one longer: *shells* punctured.
- Crux*. Yellow: thorax with a ferruginous dorsal line: disk of the
 shells ferruginous with 4 yellow spots.
 Inhabits *Cayenne*.
- 11-punctata*. Yellowish; dot in the middle of the thorax, and 11 on the
 shells black.
 Inhabits *Cayenne*. *Voet. Coleop.* 2. tab. 43. fig. 16.
Body pale ferruginous: spots on the *shells*, 4, 1. on the future
 2, 4.
- Sinuata*. Yellowish or ferruginous: thorax sinuate behind: shells
 with 11 black dots.
 Inhabits *Asia*, middle sized.
 Spot near the tip of the *shells* a common one.
- Arcuata*. Yellowish bronzed: shells with 14 black spots, some of
 them arched.
 Inhabits *America*. *Oliv. Inf.* 97. tab. 2. fig. 26.
Antennæ black: *shells* polished with 2 arched spots near the base,
 a larger one in the middle, 2 arched ones near the tip, and a
 common one near the middle.
- Binotata*. Testaceous, with a pale margin: shells immaculate with a
 tubercle at the base.
 Inhabits *Cayenne*: larger than the next.
Shield entire: *shells* substriate: *body* black; edge of the *abdomen*
 and *legs* pale.
- Bituberculata*. Reddish-brown, with a white margin: shells spotted with
 black, and 1-tubercled at the base.
 Inhabits *Cayenne*; half the size of the last.
Antennæ pale, tip with black: *shells* with 2 black spots, the
 anterior larger and transverse: *body* black with a pale margin.
Tuberculata.

Tuberculata Testaceous, with a yellow margin: shells with 3 tubercles.
Inhabits *Africa*: *Degeer Inf.* 5. *tab.* 15. *fig.* 14.
Shells with 3 raised tubercles at the base: *body* beneath pale.

Suturalis. Reddish-brown: shells yellow, the future brown.
Inhabits the *Cape of good Hope*.
Antennæ brown: *shield* projecting.

Biguttata. Thorax yellow: shells pale rufous, edged with black, and with 2 yellow spots.
Inhabits *Cayenne*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 40.
Shield entire: *antennæ* tip with brown.

Miliaris. Yellow; thorax immaculate: shells with black dots, and 2 marginal bands.
Inhabits *S. Helens*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 25.
Antennæ yellow tip with black: shells with about 10 scattered black dots, the future tip with black: *body* beneath black edged with yellowish: *legs* yellow.

Bimaculata Yellow; margin of the shells black with a large yellow spot.
Inhabits *Guinea*, middle sized.
Antennæ yellow tip with black: hinder half of the *future* black: *Body* yellow.

Punctata. Black; shield brown: shells yellow, dotted with black.
Inhabits the *Cape of good hope*.

Marginata. Blue-black; shells testaceous edged with black.
Inhabits *India*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 11.
Shield blue gibbous: *body* black.

4-pustulata. Thorax dusky: shells sanguineous edged with blue, and marked with 2 red spots.
Inhabits *Cayenne*; *body* black.
Shield dull rufous: shells with a blue exterior border, on which are 2 large rufous spots: *future* black.

Dorsata. Thorax and shells dusky: shells with a spine at the future, and whitish at the edge, the base dusky.
Inhabits *Siam*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 45.
Shield rounded: *body* yellowish.

St. Crucis. Testaceous; shells golden with 3 tubercles at the base, the margin pale, with 2 black bands beneath.
Inhabits *American Islands*.

- Jamaicensis* Pale yellow bronzed: shells immaculate with hollow punctures.
 Inhabits *Jamaica*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 32.
 Edge of the *thorax* and *shells* testaceous: when the insect is preserved in spirits of wine, the brassy hue disappears, and changes to a dull testaceous, but is restored by dipping it in warm water.
- Perforata*. Testaceous; shells spinous at the fore-angle and perforated at the base.
 Inhabits *America*. *Pall. fasc.* ix. 3. *tab.* 1. *fig.* 1.
- Bicornis*. Blue; shells with a truncate spine at the fore-angle.
 Inhabits *S. America*, and *India*.
- Taurus*. Black; shells with a truncate spine at the anterior angle.
 Inhabits *Cayenne*; less than the last.
Shells reticulate with impressed dots.
- Cyanea*. Blue-brassy: shells with hollow punctures, immaculate.
 Inhabits *India*. *Degeer Inf.* 5. *tab.* 15. *fig.* 9.
- Spinifer*. Ferruginous; shells with a projecting spine at the anterior angle: thorax with a transverse spine each side.
 Inhabits *India*. *Voet. Coleop.* 2. *tab.* 43. *fig.* 21.
Shells with a black line at the base.
- Bidens*. Black; shells projecting before, with an erect spine at the future.
 Inhabits *Brazil*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 20.
Shield subemarginate, carinate on the back, black with 2 obsolete ferruginous dots: *shells* reticulate: *fore-thighs* pale within.
- Gibbosa*. Black; thorax with 2 villous gold spots: shells reticulate: with greenish, an obtuse spine at the future.
 Inhabits *Brazil*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 6.
Shield emarginate: *shells* edged with black.
- Truncata*. Rufous; shells subreticulate, spotted with black, gibbous on the back.
Oliv. Inf. 97. *tab.* 1. *fig.* 9.
Antennæ black: *shield* rufous with 2 black spots: *shells* truncate: body black.
- Flava*. Yellow, immaculate: body testaceous with a black spot on the scutel.
 Inhabits *America*. *Degeer Inf.* 5. *tab.* 15. *fig.* 13.

- Leucophæa*. Testaceous with yellow dots and margin.
Inhabits *South America*.
- Reticularis*. Yellow; shells variegated with blue, the sides with a single band.
Inhabits *America*. *Degeer Inf.* 5. *tab.* 15. *fig.* 17.
Thorax emarginate, testaceous with a thick black line down the back.
- Variegata*. Rufous; shells variegated with blue, the sides with 2 bands.
Inhabits *America*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 22, 28.
Thorax brown: edge of the shells palest blue.
- Trifasciata*. Rufous; shells with 3 black bands at the sides.
Inhabits *America*.
Edge of the shells pale black: *abdomen* yellowish.
- Retiformis*. Black; thorax with 2 yellowish spots: shells yellow reticulate with black.
Inhabits *Cayenne*: shells edged round with black.
- Annulata*. Blue; thorax with 2 rufous spots: shells with 6 rufous rings.
Inhabits *India*. Body beneath black; segments of the *abdomen* with 2 rufous spots each side.
- Grossa*. Sanguineous; shells with scattered black dots on the disk, and branched black lines on the margin.
2 Blueish-black: shells spotted with yellow, the dorsal spots reticulate, lateral ones distinct.
Inhabits *America*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 1.
- Lineata*. Pale ash: shells with 4 white lines.
Inhabits the *Cape of good hope*.
Body black: *shield* dull cinereous.
- Exclamati-
onis*. Shells with 3 black lines, the middle one resembling the mark!
Inhabits *America*. *Oliv. Inf.* 97. *tab.* 1. *fig.* 16.
Body, pale yellowish.
- Inequalis*. Ferruginous bronzed: shells with a suboval yellow spot on the disk.
Inhabits *America*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 49.
- Lateralis*. Brown bronzed: shells with a lateral yellow spot.
Inhabits *America*. *Degeer. Inf.* 5. *tab.* 15. *fig.* 12.

- Palliata*. Black; thorax villous greenish: shells green, the edge and line down the middle ferruginous.
Antennæ as long as the body: *suture* of the shells ferruginous half way.
- Discoides*. Green bronzed: shells with 2 contiguous yellow spots on the disk.
 Inhabits *America*. *Oliv. Inf.* 97. *tab.* 2. *fig.* 18.
Body beneath black.
- Bipustulata*. Shells green bronzed: with an unequal sanguineous spot.
 Inhabits *Cayenne*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 35.
Antennæ black: *shield* dull brassy.
- Cuprea*. Above coppery: edge of the thorax and 2 marginal spots on the shells rufous.
 Inhabits *Cayenne*.
Body, antennæ and *legs* black: *shells* punctured green-coppery.
- 6-pustulata*. Blue; shells with 3 red spots.
 Inhabits *Brazil*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 36.
Shield subemarginate before.
- 16-punctata*. Black; thorax with 2, shells with 7 red dots.
 Inhabits *America*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 41.
Shield depressed each side: spots on the *shells* 1, 2, 3, 1.
- Bipunctata*. Yellowish: shells with 2 black dots.
 Inhabits *India*. *Oliv. Inf.* 97. *tab.* 3. *fig.* 42.
 Dots on the *shells* sometimes 3.
- Fastuosa*. Black; shells red bronzed, spotted with black.
 Inhabits *Saxony*. *Schaller Natur.* 1. *p.* 259.
- Fusca*. Tawny; shells with 2 raised striæ.
 Inhabits *Germany*. *Herbst. Arch.* *p.* 51. *n.* 9.
- Bifasciata*. Pale; shells with 2 brown bands.
 Inhabits *South America*.
- Clathrata*. Ferruginous; edge round the shells, longitudinal line and one half way across black.
 Inhabits *India*. *Female* with 3 transverse lines.
- Supposita*. Shells black; annulate before, with a fulvous dot in the centre,
 Inhabits *America*. *Lederm. Microsc.* t. 28. *fig.* F. g.

Angustata.

Angustata. Yellowish: shells narrowed behind.
Inhabits *India*.

Rubiginosa. Ferruginous; thorax and shells brown punctured, the outer edges ciliate.
Inhabits *Europe*. *Mus. Lesk.* p. 12. n. 236.

Nitens. Black; thorax and shells grey with a golden polish: legs livid.
Mus. Lesk. p. 13. n. 237.

Superba. Black; shield and punctured shells green-gold: antennæ abdomen and legs green.
Inhabits *Europe*. *Mus. Lesk.* p. 13. n. 238.
The golden hue vanishes with life.

Sanguinolenta. Gold-yellow; oval ring on the shells and tubercle on the future sanguineous.
Inhabits *America*. *Stockh. Transact.* 8, 3. n. 3, 11.

Albida. Whitish; the common disk black, the border oval, ring and arch on the hind-part fine yellow.
Inhabits *America*. *Sock. Transj.* 8, 3. n. 3. 12.
Middle-sized: *breast* and *abdomen* black.

18. COCCINELLA. *Antennæ* clavate, the club solid: anterior *feelers* hatchet-shaped, posterior filiform: *thorax* and *shells* margined: *body* hemisphærical: *abdomen* flat.

These feed chiefly on plant-lice, and are very serviceable in purging vegetables of the miriads with which they are often infested.

A. *Shells red or yellow with black dots*

Marginata. Shells red? edged with black: thorax with a white marginal dot each side.
Inhabits *South America*.

Limbata. Black; disk of the shells red with 2 black dots.
Inhabits *Hamburg*: middle sized.
Thorax edged with whitish.

Marginella.

Marginella. Shells dull testaceous edged with yellow.

Inhabits *America*: large.

Abdomen and legs yellow.

Immaculata Shells ferruginous immaculate: thorax black, the edge and 2 dorsal dots white.

Inhabits *American Islands*.

Head with a frontal 3-lobed white spot: body black.

Unicolor. Thorax and shells testaceous immaculate.

Inhabits *East India*. small.

M. nigrum. Oblong; shells testaceous immaculate: thorax white marked with a black M.

Inhabits *Keil*: more oblong than the last.

Head white, dotted with black: body black: tail testaceous.

Sanguinea. Shells sanguineous immaculate; thorax spotted with black.

Inhabits *America*; small, beneath black.

* *Impunctata.* Shells red immaculate: thorax red, brownish in the middle.

Inhabits *Europe*. *Degeer Inf.* 5, 369, 1.

Dimidiata. Shells scarlet, tip with black.

Inhabits *Coromandel*: small.

Body and legs yellowish.

Livida. Shells red impunctured: scutel black; thorax with 5 black spots.

Inhabits *Berlin*. *Herbst. Arch.* 4. tab. 22. fig. 1. a

Colon. Shells red with a black dot: scutel and obsolete spot on the thorax black.

Inhabits *Berlin*. *Herbst. Arch.* 4. tab. 22. fig. 1. b.

Lineola. Shells red, with a black line at the base and tip.

Inhabits *New Holland*. small.

Head whitish: thorax whitish with 4 black dots: body beneath black: shanks white.

Unifasciata Shells red, with a black band in the middle.

Inhabits *Hamburg*: middle sized.

Head and thorax black immaculate: near the scutel a small oblique black line: body black.

* *Annulata.* Shells red with an oblong black ring.

Inhabits *Europe*. *Donovan's Eng. Inf.* vii. pl. 243. f. 2.

Trinotata.

- Trinotata*. Shells red, hairy, with 3 black dots : head red.
Inhabits the *Cape*. *Thunb. Inf.* 1, p. 11. fig. 11.
- Abbreviata* Shells red, with a black abbreviated band behind and 2 dots :
thorax black, with 2 white lines.
Inhabits *North America* ; oblong, black.
Front with a large white spot.
- **Bipunctata*. Shells red, with 2 black dots.
1a. Inhabits *Europe*. *Schæff. Icon. tab.* 9. fig. 9.
- Lineata*. Shells red, with 2 oblong black spots and edged round with
black.
Inhabits the *Cape*. *Thunb. Inf.* 1, fig. 31.
Yellow ; *abdomen* and *thighs* black.
- 3-punctata*. Shells red with 3 black dots.
Inhabits *Germany* : edge of the *thorax* tip with white.
- Tricinctata*. Oval ; shells red, with 3 black bands : the anterior one
abbreviated tricuspidate.
Inhabits *China* : body black.
Thorax black with a white marginal dot : *suture* black.
- Arcuata* Oval ; shells red, 4 dots, 2 bands and dot at the tip black.
Inhabits *China* ; body black.
Head whitish : *thorax* black, the fore and lateral edges whitish.
- Trifascia*. Shells red, with 3 black abbreviated bands.
Inhabits *Europe* in fields and gardens.
- Bifasciata*. Shells ferruginous with 2 black bands and 4 dots.
Inhabits the *Cape*. *Thunb. Inf.* 1, tab. 1, fig. 24.
- 4-notata* Shells red with 4 black dots at the base : edge of the *thorax*
white.
Inhabits *Germany* : legs testaceous.
- 4-maculata* Shells red with 4 black dots : *thorax* black with a white
marginal dot.
Inhabits *Germany*.
Head black with 2 pale dots at the base.
Spots on the shells 1, 1 : *body* black.
- **5-punctata*. Shells sanguineous with 5 black dots.
1a. Inhabits *Europe*. *Schæff. Icon. tab.* 9, fig. 8.
- **6-punctata*. Shells red with 6 black dots.
1a. Inhabits *Europe* ; small.
Head black with 2 white dots : *thorax* black, the edge and 2 dorsal
dots white : *spots* 2, 1.

- Glacialis*. Shells red with 6 black dots, the middle ones larger, sinuate.
Inhabits *North America*.
Head black with a white frontal dot: *thorax* black, the edge and 2 oblique lines white.
- 6-maculata*. Shells red with 6 black spots, the 4 first transverse, sinuate.
Inhabits *East India*.
Head whitish: *thorax* white before with a black spot, black behind: *suture* red: *spots* 1, 1, 1: *body* pale yellowish.
- **7-punctata*. Shells red with 7 black dots. *Lady-bird. Lady-cow.*
Inhabits *Europe. Donovan's Eng. Insects. ii, pl. 39, fig. 5.*
Dots placed triangularly.
This insect and many others of the coleoptera have the singular property of giving immediate and effectual relief in the most violent paroxysms of the tooth-ache, by rubbing them between the finger and thumb, and applying the finger to the affected tooth.
- 7-maculata* Oblong; shells red with 7 black dots, the common one 3-lobed
Inhabits *Germany*; small.
Head black: *thorax* black, the fore and lateral edge white: middle *spot* transverse.
- 7-notata*. Oblong; shells red with 7 black dots: edge and 2 dots on the *thorax* white.
Inhabits *Germany*; small.
Shells with a common dot at the base and 3 placed in a triangle near the tip: *body* black.
- Capensis*. Shells red with 8 black dots: *thorax* immaculate.
Inhabits the *Cape. Thunb. Inf. 1, fig. 15.*
- **8-punctata*. Shells red with 8 black dots: *thorax* white dotted with black.
Inhabits *Northern Europe*.
Head whitish with 2 frontal black dots: *thorax* with 5 dots at the base, and 1 each side at the edges.
- 9-maculata*. Shells red with 9 black dots, the hinder one common: *thorax* with 2 black dots.
Inhabits *New Holland*; *body* rufous.
Spots 1, 2, 1, and a common one.
- **9-punctata* Shells red with 9 black dots.
Inhabits *Europe*; in fields and gardens.
Spots 2, 2, placed obliquely, and a larger common one.
- Oculata*. Shells red with 9 black dots: eyes surrounded with a yellow circle.
Inhabits the *Cape. Thunb. Inf. 1, fig. 18.*

- Iridea* Shells fulvous immaculate: thorax with an angular black spot in the middle.
Head black. *Herbst. Arch. 7, tab. 43, fig. 14, g, h.*
- Punctum.* Shells red with 9 black ocellate spots.
Inhabits the Cape. *Thunb. Inf. 1, fig. 17.*
- 10-punctata* Shells fulvous with 10 black dots: thorax with 4 spots.
Inhabits Europe. *Degeer Inf. 5, 374, 7.*
Spots on the shells placed 1, 3, 1.
- 10 macu-
lata.* Oblong; shells fulvous with 10 black dots: 2 of them common.
Inhabits America: body black.
Head black with a frontal fanguineous line: spots 1, 1, 1, 1, and 2 common ones.
- Innuba* Oblong; shells testaceous, with 10 black dots: thorax immaculate.
Inhabits the East: large.
Spots on the shells placed 2, 2, 1.
- Dilatata.* Roundish; shells margined fulvous, with 10 black dots, thorax with 2.
Inhabits America; large: thorax emarginate.
- Flavicollis.* Shells sanguineous with 10 black dots: thorax yellow.
Inhabits the Cape. *Thunb. Inf. 1, fig. 26.*
- * *11-punc-
tata.* Shells red with 11 black dots: body black.
Inhabits Europe. *Aët. Nidros. 3, tab. 6. fig. 2.*
Spots 1, 2, 2, placed obliquely, and a common one at the base.
- 11-macu-
lata.* Shells red with 11 black dots: body ferruginous.
Inhabits Spain; much larger than the last.
Spots 1, 2, 2, placed obliquely, and a common one at the base.
- Variabilis.* Shells red with 11 black spots; thorax with 4 heart-shaped ones.
Inhabits Berlin. *Herbst. Arch. Inf. 4. t. 22. f. 3, c.*
Varies in the number of spots and dots.
- Chrysome-
lina.* Shells rufous with 12 black dots: thorax immaculate.
Coccinella capensis. *Thunb. Inf. tab. 1, fig. 16.*
Inhabits Africa; on the cactus opuntia.
Spots placed in pairs: legs yellowish.
- Cassidea.* Oblong, red; shells with 12, thorax 4 black dots.
Inhabits Maryland.
Thorax emarginate, 3-toothed behind.

- Variegata.* Shells fulvous, with 12 black dots and 2 bands, the hind-one interrupted.
Inhabits *Senegal*: large.
Shells with a pair of dots at the base, then a waved entire band, then a pair of dots, afterwards a flexuous interrupted band, lastly a pair of dots placed obliquely.
- *14-punctata. Shells orange, with 14 black dots.
Inhabits *England*. *Donovan's Eng. Insects*. ii. plate 39. fig. 2.
Head black: thorax black in the centre, with an orange margin and a black spot each side: spots 1, 1, 2, 2, 1.
- Distincta.* Shells red with 16 black distinct spots.
Inhabits the *Cape*. *Thunb. Inf.* 1, fig. 23.
Body above with fine cinereous hair.
- *22-punctata. Shells red with 22 black dots.
Inhabits *Europe*: small.
Thorax red with a small black dot in the middle: dots on the shells placed 3, 4, 3, 1.
- 23-punctata. Shells red with 23 distinct black dots.
Inhabits *Germany*.
Thorax red with 3 black dots: dots on the shells 3, 3, 3, 2, and a common one at the base.
- 24-punctata. Shells red with 24 black dots.
Inhabits *Europe*. *Herbst. Arch. tab.* 22. fig. 11.
Dots 3, 4, 3, 2, the last oblique.
- 24-maculata. Ferruginous; shells with 24, thorax with 5 black dots.
Inhabits *Tranquebar*; large, gibbous
Head ferruginous, immaculate: dots on the shells 3, 3, 3, 2, 1, thighs with a black spot.
- *25-punctata. Shells red, with 25 black dots.
Inhabits *Europe*: dots square.
- 28-punctata. Shells red, with 28 black dots.
Inhabits *Tranquebar*.
Thorax with 7 black dots: shells subvillous, the dots placed 3, 4, 3, 2, 2.
- Centum punctata.* Shells fulvous with numerous black dots, many of them confluent.
Oblong, black. *Herbst. Arch.* 4, t. 22, fig. 12, m.
- Gibba.* Shells red with a black band and 6 dots.
Inhabits the *Cape*. *Thunb. Inf.* 1, fig. 13.

- Similis.* Shells red with 2 black bands and 4 dots.
Thunb. nov. Inf. 1. p. 15, fig. 19.
 Body above clothed with cinereous down, beneath black:
- Udulata* Shells red with various black waved and indented bands.
 Inhabits the *Cape*. *Thunb. Inf. 1. fig. 27.*
 Body clothed with fine cinereous down.
- Suecica.* Shells yellowish immaculate: thorax with a black spot and 2 white dots.
 Inhabits *Sweden*. *Mus. Lesh. p. 11, n. 211..*
- Margine punctata.* Shells yellow with a whitish margin, on which are 2 black dots.
 Inhabits *Saxony*: large.
- Trilineata.* Shells yellow, with 3 abbreviated black bands.
 Inhabits *America*: small, black.
- Crux.* Shells yellow, with 2 black lines and crosses.
 Inhabits the *Cape*. *Thunb. Inf. 1, p. 20, f. 30.*
- Comma.* Shells yellow with a black future, margin and line.
 Inhabits the *Cape*. *Thunb. Inf. 1, fig. 31.*
- Repanda.* Shells yellow with 3 black waved bands.
 Inhabits the *Cape*. *Thunb. Inf. 1, fig. 25.*
- 4-lineata.* Shells yellow with 3 black longitudinal lines and a transverse one, and 2 black confluent spots.
 Oblong: *Herbst. Arch. 4, tab. 22, fig. 12, m.*
- Vittata.* Shells yellow, the margin, future and 2 fillets black: thorax black, white on the fore edge.
 Inhabits *Guinea*: middle sized.
 Head whitish: body yellowish.
- Striata.* Shells yellow, the margin, future and 2 abbreviated fillets black; thorax yellow with 2 darker spots.
 Inhabits *Guinea*: is probably the same as *C. lineata*.
 Head yellowish: shells pale testaceous.
- Pfi.* Shells yellow, the outer margin and 4 spots black.
 Inhabits the *Cape*. *Thunb. Inf. 1. fig. 16.*
 Body yellowish: breast black.
- Lunaris* Shells yellow with 2 black bands, a black arch and 5 dots.
 Inhabits the *Cape*. *Thunb. Inf. 1, fig. 28.*

- Oblongo-punctata.* Shells yellow with 4 black abbreviated lines and 6 dots.
Inhabits *Southern Russia*: large.
Head black with 2 white dots at the base: *thorax* edged with white: *spots* near the future.
- 6-lineata.* Shells yellow with 6 black lines and 3 dots.
Inhabits *Russia*: large, black.
Thorax white at the outer edges, with a black dot and 2 white dots at the base.
- Fimbriata.* Shells yellow, immaculate, the edge black: posterior margin of the thorax with 4 black dots.
Thunb. nov. Inf. spec. 1, p. 11, fig. 10.
- Hieroglyphica.* Shells yellow with 2 longitudinal sinuate spots.
Inhabits *Europe*. *Sulz. Hist. Inf. tab. 3, fig. 4.*
Edge of the *thorax* white at the tip.
- Rivularis.* Shells yellow with 2 black dorsal sinuate bands and 6 dots: thorax Black with 2 yellow dots.
Inhabits *Sweden*,
Head black with 2 white dots at the base.
- 6-notata.* Shells yellow with 4 black arches and 2 dots.
Inhabits *Sweden*. *Thunb. Act. Upsl. 4, tab. 1, fig. 2.*
Thorax yellow with 5 black contiguous dots.
- Undata.* Oblong; shells yellow with a black flexuous band and 2 dots: thorax dotted with yellow.
Inhabits the *Cape of Good Hope*: large, black.
Head with 2 yellow frontal spots: *thorax* with 3 dorsal spots, margin and branch running from the base of the margin all yellow: *legs* yellow, the joints black.
- Flexuosa.* Oval; shells yellow with a black flexuous band and 2 dots: thorax edged with white.
Inhabits *Hamburg*: body black.
Thorax with a whitish lateral dot at the tip.
- Cingulata.* Shells yellow with a black band behind, 4 black dots at the base and one at the tip.
Inhabits *Tranquebar*; large; black.
Head yellowish: *thorax* yellow with a large black spot at the base: *legs* yellow.
- Inequalis.* Shells yellow with 3 black dots on the fore part, black future and band at the tip.
Inhabits *New Holland*: middle sized.
Body black: *head* yellow: *thorax* black, yellow on the fore-part.

Interrupta. Shells yellow with 2 interrupted waved black bands and 2 black dots behind.

Head white : *eyes* black : *thorax* white with 2 transverse abbreviated lines connected by a line in the middle and a brown dot each side : *body* and *legs* yellow.

5-maculata Oblong : shells yellowish with 5 black dots : *thorax* black, the fore-edge 3-rayed with white.

Inhabits *Saxony*.

Head white before with 2 black dots : lateral and fore-edges of the *thorax* white : *shells* with a common black dot at the base and 2 in the middle.

Pusilla. Shells yellow with 8 black dots

Thunb. nov, Inf. spec. 1, p. 16, fig. 22.

Yellowish, smooth : about the size of a flea.

Transversalis. Shells yellowish with 8 black dots, the 4 first transverse and sinuate.

Inhabits *Coromandel* : *body* black.

Thorax black with a white dot each side at the tip : *spots* on the shells 1, 1, 2 : *suture* black.

12-punctata Shells yellow with 12 black dots, the outmost linear and crooked.

Inhabits *Europe*. *Herbst Arch. tab. 22, f. 8.*

Thorax yellow with 2 black dots and spots.

Variegata Shells yellow with 12 black dots and a black band in the middle.

Inhabits the *Cape of Good Hope*.

Head yellow : *eyes* black : *thorax* yellow with 5 black dots at the base : *shells* with 2 dots at the base, a band composed of 3 dots in the middle, and towards the tip dots 3, 1.

Borealis Shells yellow with 12 black dots, 2 of them common, the last round.

Inhabits *North America*. *body* yellow.

Head yellow : *thorax* yellow with 3 black dots : spots 3, 3, 1 : *breast* black.

**13-maculata*. Orbicular ; shells yellow with 13 black dots ; *thorax* white, with 4 black dots.

Inhabits *Europe* : spots 1, 3, 2, and a common one.

13-notata, Shells yellow with 13 black dots : *thorax* yellow with 7.

Inhabits *Europe*. *Thunb Act. Up. 4, tab. 1, fig. 4.*

Antennæ red.

- *13-punctata. Oblong; shells yellow with 13 black dots.
Inhabits *Europe*. *Schæff. Icon. tab. 43, f. 6.*
Dots 1, 2, 2, 1, and a common one at the base.
- Grandis*. Shells yellow with 13 black dots: thorax black, the edges yellow.
Inhabits the *Cape*. *Thunb Inf. 1. fig. 13.*
- Versicolor*. Shells yellow with 14 black dots, 2 of them common.
Inhabits *China*; large, round.
Head yellow: *thorax* yellow with a black dot in the middle:
Spots 1, 3, the inner one common, 1, 3, the inner one common, and 1 at the end.
- *14-punctata. Shells yellow with 14 black dots, some of them contiguous.
Inhabits *Europe*. *Schæff. Icon. tab. 62, fig. 6.*
- 14-maculata. Shells yellow with black future and 14 distinct dots.
Inhabits *Saxony*: perhaps a variety of *C. conglomerata*.
Head white: *thorax* white dotted with black: *spots* 3, 3, 1, the anterior ones placed in a semicircle.
- Ocellata*. Shells yellow with 15 subocellate spots.
Inhabits *Europe*. *Schæff. Icon. tab. 1. fig. 2.*
Thorax black, the edge white with a black dot; 2 white dots at the base: dots on the shells 1, 3, 3.
- *16-punctata. Shells yellow with 16 black dots: head white with 4 black dots.
Inhabits *Europe*: large, oblong.
Thorax whitish with numerous approximate dots: dots on the shells 1, 3, 3, 1.
- 18-punctata. Shells yellow with 18 black dots, the last arched.
Inhabits *Europe*: sides of the thorax yellow:
- 19-punctata. Shells yellow with 19 black dots.
Inhabits *Europe*. *Mull. Zool. Dan. 67, 632.*
Thorax 6-dotted: dots on the shells 2, 3, 3, 1, and a common one.
- *20-punctata. Shells yellow with 20 black dots.
Inhabits *Europe*. *Herbst. Arch. tab. 22, fig. 10.*
Head black: *thorax* yellow with 5 black dots at the base: dots on the shells 3, 3 and 4 disposed in a square: beneath on the margin is a black dot.
- *22-notata. Shells yellow with 22 black dots: thorax yellow with 5.
Inhabits *Europe*. *Donovan's Eng. Insects. 2. plate 39. fig. 1, 4.*
Head black: *thorax* with 2 approximate dots at the tip and 3 distant ones at the base: dots on the shells 3, 3, 3, 2.

22-maculata. Shells yellowish with 22 black dots: thorax ferruginous, immaculate.
Inhabits *Guinea*: large.
Spots on the shells 3, 3, 3, 2. body yellow: middle of the abdomen ferruginous

* *Conglomerata.* Shells yellowish with numerous black contiguous dots and a distinct one at the tip.
Inhabits *Europe*. *Schæff. Icon. tab. 171. fig. 1.*
It is suspected that this insect, *C. 14 punctata* and *C. 14 maculata* are the same.

* *Conglobata.* Shells yellow with numerous black dots, the tip immaculate.
Inhabits *Europe*. *Frisch. Inf. 9. tab. 17. fig. 6.*
Head yellow, the hind margin black: thorax black the fore and lateral edges yellow, the latter with a black dot: body black; shanks yellowish.

Lineolata. Shells yellowish with 2 brown lines and a few brown sub-contiguous spots.
Inhabits *South American Islands*; very small.
Head white: eyes black: thorax white with 5 brown dots placed semicircularly: body and legs white.

Pallida. Shells yellow with 4 brown lines.
Inhabits *Upsal*. *Thunb. Act. Aps. tab. 1. fig. 1.*

Tricolor. Shells yellow with 10 red dots and 10 black marginal spots.
Inhabits *Amsterdam Islands*. *Banks.*
Head white spotted with black: thorax white, 2 dorsal lines and the lateral margin black: scutell black.

Detrita. Yellow: shells immaculate: thorax with 2 marginal spots and 2 flexuous lines white.
Inhabits *New Holland*. Body entirely yellowish.
Two spots on the head and orbits of the eyes white.

B. Shells red with yellow dots.

Biguttata. Shells rufous with 2 yellow dots.
Inhabits *Europe*: small
Thorax black, the lateral edge yellow: shells rufous with a yellow transverse spot at the base of each.

8-guttata. Shells red with 8 yellow dots.
Inhabits *Japan*. *Thunb. Nov. Inf. 1. fig. 37.*

C. Shells red or yellow spotted with white.

Bimaculosa. Shells fulvous with 2 obsolete white femilunar marks.
Herbst Arch. Inf. 7. tab. 43. fig. 13. e. f.

Kamtschat- Shells dull rufous with 8 white dots.
kenfis. Inhabits *Kamtschatka* : black,
Thorax with a broad white edge and a heart-shaped spot at the
base.

Bis 6-gut- Shells fulvous with 12 white dots: thorax edged with
tata. white.
Inhabits *Norway* ; small.
Dots on the shells 1, 2, 2, 1.

Cayennensis. Shells fulvous with 12 white dots and 2 connected white
lunules each side.
Inhabits *Cayenne* : middle-sized.
Thorax rufous with a large white spot each side: *dots* 1, 2 lunules
connected at the base, 3. 2.

* *14-gut-* Shells rufous with 14 white dots,
tata. Inhabits *Europe.* *Donovan's Eng. Inf. vii. pl. 243. f. 1.*
Dots on the shells 1, 3, 2, 1.

Bis 7-gut- Shells fulvous with 14 white dots: thorax edged with
tata. white.
Inhabits *Germany.* *dots* 2, 2, 2, 1.

* *16-gut-* Shells red with 18 white dots.
tata. Inhabits *Europe.* *Sulz. Hist. Inf. t. 3: fig. 5.*
Dots on the shells 3, 3, 1. 1.

18-guttata. Shells red with 18 white dots.
Inhabits *Europe.* *Schæff. Icon. tab. 9. fig. 12.*
Small; *dots* on the shells 1, 2, 3, 2, 1.

20-guttata. Shells red with 20 white dots.
Inhabits *Europe.* *Herbst. Arch. tab. 22. fig. 20.*
Dots 2, 2, 3, 2, 1. the fore ones oblique.

* *Oblongo-* Shells red with white lines and dots.
guttata. Inhabits *Europe.* *Schæff. Icon. tab. 9. fig. 10.*

* *10-gut-* Shells yellow with 10 white dots.
tata. Inhabits *Europe.* *Herbst. Arch. tab. 22. fig. 16.*
Dots on the shells 2, 2, 1.

guttata.

Guttata. Shells brownish-yellow with 12 white dots.
Herbst. Arch. Inf. 4. tab. 22. fig. 10. v.

15 *guttata.* Shells yellow with 15 white dots.
Inhabits Germany. *Herbst. Arch. tab. 22. fig. 13.*

D. Shells yellow spotted with red.

Obliterata. Shells yellow with 4 rufous dots, the anterior ones obsolete.
Inhabits Upsal, *Thunb. Act. Ups. 4. tab. 1. fig. 1.*

E. Shells black spotted with red.

Impustulata Shells black immaculate.
Inhabits woods of Germany.
Mouth and legs yellow: edge of the thorax yellow, sometimes with a black dot.

Nitidula. Shells black bronzed immaculate: thorax edged with rufous.
Inhabits American Islands; small: body rufous,

Parvula. Shells black: head thorax and legs rufous.
Inhabits France: small, subvillous.
Thorax with a black spot at the base.

Analís. Shells black tipped with red.
Inhabits Saxony; resembles the next.
Head red immaculate: thorax rufous, black at the base in the middle: abdomen and legs rufous.

Hæmorrhoidalis. Shells black, the tips red with a black band.
Inhabits Hamburg.
Head dull rufous: in the middle of the back is sometimes a common sanguineous spot.

Nigra. Black; shells with 2 red spots on the hind-part.
Mus. Lesk. p. 12. n. 224.

Ocellaris. Shells black with 2 red dots: thorax with a white marginal spot each side.
Inhabits North America: abdomen rufous:

Cassi. Shells black with 2 rufous spots: thorax immaculate.
Sloan's Jamaica. 2. tab. 237. fig. 31. 33.
Inhabits South America.

- * *Bipustula*- Shells black with 2 composite red dots: abdomen fan-
ta. guineous.
 Inhabits *Europe*. *Degeer. Inf.* 5. *tab.* 10. *fig.* 25.
Dots on the shells composed of 3.
- Variabilis.* Oblong; shells black with 2 lunate submarginal red spots.
 Inhabits *Hamburg*. *Herbst. Arch. tab.* 22. *fig.* 22.
Head white: *thorax* black edged with white.
- Frontalis.* Shells black with 2 red spots: front and fore-legs black.
 Inhabits *Saxony*. *Geoffr. Inf.* 1. 331. 22.
Head rufous immaculate: *thorax* black, the fore-edge a little reddish.
- Lunulata.* Shells black, reflected at the edges, with a red dot in the
 middle and at the base, and a red lunule in the middle.
Mus. Lesk. p. 12. *n.* 317.
- Limbata.* Shells black with a red lunule at the exterior edge of the
 base: *thorax* black edged with white.
Mus. Lesk. p. 12. *n.* 219.
- * *4-pustula*- Shells black with 4 red dots: orbits of the eyes and edge of
ta. *thorax* pale.
 Inhabits *Europe*. *Schæff. Icon. tab.* 30. *fig.* 16. 17.
Dots on the shells 1. 1.
- 4-verrucata* Shells black with 4 red dots: tail rufous.
 Inhabits *Germany*. black.
 Anterior spot on the *shells* lunate.
- Bis 2-pustu-* Shells black with 4 red dots: head and *thorax* dusky.
lata, Inhabits *Europe*; small.
Legs red: *hind-thighs* black.
- Erythroce-* Shells black with 6 red dots: head and edge of the *thorax*
phala. pale rufous.
 Inhabits *Germany*; very small.
Dots on the shells 2. 1. *abdomen* black.
- * *6-pustula*- Head, *thorax* and shells black, the latter with 6 red dots.
ta. Inhabits *Europe*. *Donov. Eng. Inf.* ii. *plate* 39. *fig.* 3.
Dots on the shells 1, 1, 1.

Lunata. Shells black with 10 red dots, 6 of them lunate.

Inhabits *St. Helens*. *Banks*.

Head white: *thorax* black, the fore edge a little white at the sides: *shells* with a lunate spot at the base, 2 dots in the middle, and 2 lunate spots behind.

3-pustulata. Shells black with 2 red dots in the middle and one at the tip, and a large yellow spot at the base.

Inhabits *Europe*. *Mus. Lesk.* p. 12. n. 215.

F. *Shells black spotted with white or yellow.*

Leucocephala. Black; *thorax* on the fore part, head, and 7 dots on the shells white.

Mus. Lesk. p. 12. n. 233.

* *10-pustulata.* Shells black with 12 white dots, the outer ones connected at the margin.

Inhabits *Europe*.

Head whitish with a frontal black dot: *thorax* black, the fore and lateral margin pale: *dots* on the shells 2, 3, 1, the last lunate.

14-pustulata. Shells black with 14 white dots.

Inhabits *Europe*. *Shæff. Icon.* tab. 30. fig. 10.

Dots sometimes yellow or red, 2, 2, 2, 1.

Felina. Shells black with 6 white dots: body globular.

Inhabits *America*; small.

Head white: *thorax* white with a black spot at the base: *shells* with a small white line at the base.

Pardalina. Shells black with 10 white dots and a white sinuate margin.

In the Museum of Sir *Jos. Banks*.

Head black with 2 white spots at the base: *thorax* black with a white sinuate band and lateral edge: *dots* 1, 2, 1, 1.

Ursina. Shells black with 10 white dots: head and fore-margin of the *thorax* white.

Inhabits *North America*.

Head white: *dots* 2, 2, 1. *body* black: *legs* white.

Leonina. Shells black with 16 white dots.

Inhabits *New Holland*.

Head black with 2 white frontal dots: *thorax* black with a large white marginal spot each side: *dots* 2, 3, 2, 1.

Thunbergii. Shells black, the edge and 2 dots white: head black with white dots.

Inhabits *Upsal*. *Thunb. Act. Ups.* 4. p. 10. n. 17.

- Tigrina.* Shells black with 20 white dots: thorax spotted.
Inhabits *Europe*: dots on the shells, 1, 3, 3, 2, 1.
Probably a variety of *C. 20-guttata*.
- Canina.* Shells black with 20 white dots: head and thorax villous
immaculate.
Inhabits the *Cape of good Hope*.
Dots on the shells 2, 3, 2, 2, 1. *body* black.
- Guttato
pustulata.* Shells black with 2 yellow spots and 4 rufous ones.
Inhabits *New Holland*.
Head yellowish: *thorax* black, the sides bordered with white:
shells with a yellowish dot at the inner edge, then a large rufous
spot or rather a sinuate band.
- Flavipes.* Shells black: thorax black with 2 yellow dots.
Inhabits the *Cape*. *Thunb. nov. Inf. 1. p. 21.*
- Atra.* Shells black with 2 yellow dots: edges of the thorax and
tail yellow,
Body very gibbous, glabrous. *Thunb. Nov. Inf. 1. p. 21.*
- Villosa.* Villous, black: margin of the shells yellow.
Inhabits *Cayenne*; large.
Head and *thorax* dusky: shells punctured striate, the edges and
future yellow: legs yellow.
- Lævis.* Shells black with 6 yellow dots: anterior angles of the
thorax yellow.
Thunb. Nov. Inf. sp. 1. p. 22. fig. 32.
Smooth, black: head and legs yellow.
- Dentata.* Shells black, the outer margin, 3-toothed line and 6 dots
yellow.
Inhabits the *Cape*. *Thunb. Inf. 1. p. 23. fig. 34.*
- Pantherina.* Shells black with 8 yellow dots.
Inhabits *Europe*. *Degeer, 5. 329. 28.*
- Humeralis.* Shells black with 8 yellow dots, the 2 anterior ones hooked.
Inhabits *Saxony*. *Schaller Aët. Hall. 1. p. 266.*

19. ALURNUS. *Antennæ* filiform, short:
feelers 4—6, very short: jaw horny,
arched.

Grossus.

Grossus. Feelers 6: thorax scarlet: shells yellow.

Inhabits *South America* and *India*.

Antennæ black, half as long as the body: *thorax* a little rough, pointed each side at the base, the hind margin black: *scutellum* rounded black: *shells* larger and longer than the body, subpunctured: *tarsi* spongy beneath.

Femoratus. Feelers 4; brassy-green: thighs and hind-shanks toothed.

Sagra femorata Fabricius. 1, 2. p. 51.

Tenebrio viridis Sulz. Hist. Ins. tab. 7. fig. 8.

Inhabits *India*; large, polished.

Antennæ half as long as the body, the last joints black: *lip* ciliate cleft: *hind-thighs* 2-toothed: *shanks* 1-toothed.

Dentipes. Feelers 4: black: thighs and hind-shanks toothed.

Inhabits the *Cape of good hope*.

Hind-thighs 2-toothed at the tip: *shanks* incurved, 3-toothed.

20. CHRYSOMELA. *Antennæ* moniliform: feelers 6, growing larger towards the end: *thorax* marginate: *shells* immarginate: *body* (mostly) oval.

This numerous and beautiful tribe is found every where in woods and gardens: their motion is slow, and some of them, when caught, emit an oily liquor of a disagreeable smell: the *larvæ* of this and the next family feed on the leaves of trees and plants.

A. *Lip* entire; *hind-thighs* equal.

Punctatissima. Oval, black; shells yellow with numerous black dots: sternum horned.

Inhabits *Cayenne*. Olivier.

Head black with an oblong impressed frontal dot: *thorax* a little prominent at the edge.

Pustulata. Black; shells with 5 bands of fulvous dots.

Inhabits *Cayenne*. Schulz.

Shells punctured: dots composing the bands placed 5, 5, 4, 4, 1. between the second pair of legs a strong spine.

* *Tenebricola.* Apterous, oval, black: antennæ and legs violet.

Inhabits *Europe*. Schæff. Icon. tab. 126. fig. 1.

Larva gibbous, violet: tail rufous.

Rugosa.

- Rugosa.* Apterous, oval, black: shells rugged: legs violet.
Inhabits *Africa*; size of the last.
- Morio.* Oval, black: antennæ and legs blackish.
Inhabits *Van Diemen's Land*: shells hardly striate.
- Coriaria.* Oval, black: legs entirely violet.
Inhabits *Germany*; larger than *C. Goettingensis*.
Head with a double impressed frontal spot: thorax and shells irregularly punctured.
- Nigrita.* Oval, blue: shells punctured, more dusky.
Inhabits *Paris*: size of the next.
Antennæ brown: shells irregularly punctured.
- **Goettingensis.* Oval, black; legs violet, the ends rufous.
Inhabits *Europe*. *Donovan's Eng. Inf.* viii. pl. 286, f. 2.
Wings σ . Very rare in England.
- Hottentotta.* Oval, black-blue: antennæ and legs the colour of the body: shells irregularly punctured.
Inhabits *Germany*: size of the last.
- Ethiops.* Oval, black, beneath more dusky: shells irregularly punctured.
Inhabits *Germany*; less than the last.
Thorax a little thickened at the edge.
- Vittata.* Oval, blue: edge of the shells and fillet in the middle yellow.
Inhabits *America*. *Hybn. Natur.* tab. 2, fig. 1.
- Bicolor.* Oval, green, bronzed, beneath violet: shells striate punctured.
Inhabits *Alexandria*: shells striate in pairs.
- Affinis.* Oval, dull brassy, beneath violet: shells smooth.
Inhabits *Barbary*; under stones.
- Lusitanica.* Oval, thorax coppery: shells brassy, with blueish impressed dots: beneath violet.
Inhabits *Lusitania*.
Head black: first joint of the antennæ violet: shells irregularly punctured: legs violet.
- Ferruginea.* Oval, ferruginous: beneath black.
Inhabits the hottest parts of *Africa*.
Antennæ black, ferruginous at the base.
- **Bankii.* Oval, purplish, bronzed; beneath testaceous.
Inhabits *Europe*. *Donovan's Eng. Inf.* iv. pl. 138, fig. 4.
Mouth testaceous: antennæ brown: shells punctured: legs testaceous.

Metallica.

- Metallica.* Oval, brassy : antennæ and legs testaceous.
Inhabits *Germany* : size of the last.
Head bronzed with a large frontal black spot : *antennæ* blackish at the base : *shells* irregularly punctured : *body* black.
- Lamina.* Green, bronzed : thorax polished, thickened at the edge : shells punctured striate.
Inhabits *Germany* : larger than *C. Bankii*.
Antennæ black : *body* beneath blackish.
- Gibbosa.* Oval, black : shells yellow with 2 black bands and 4 black dots at the base.
Inhabits *South America*.
Bands indented : *hind-spot* transverse.
- 8-maculata* Oval, dull ferruginous : shells with 4 yellow spots.
Inhabits *Surinam* ; large, gibbous.
Lip yellow : shells punctured striate with 2 spots at the base, that at the margin lunate, a third in the middle near the future, and a fourth very large, heart-shaped at the tip.
- 10-punctulata.* Oval, black : shells with 5 rufous dots.
Inhabits *St. Domingo*.
Antennæ yellow : dots on the shells 2, 2, 1 : legs ferruginous.
- Trimaculata.* Blue ; shells yellow, with a black band and 2 black spots.
Inhabits *South America*.
Shells punctured with a common band at the base, and a triangular spot at the tip : legs blue, the ends rufous.
- Adonidis.* Black ; thorax edged with yellow and marked with a black dot : shells yellow with a black future and fillet.
Inhabits *Austria*. *Herbst Arch. tab. 23, fig. 16.*
2. Edge of the thorax testaceous with a black dot : shells testaceous, with a black future and fillet.
Head black : front yellow.
- Clavata.* Head and thorax ferruginous : shells black with a yellowish fillet.
Body and antennæ black : fillet on the shells broader at the base and tip.
- Trifasciata.* Dull testaceous : shells yellow with 2 green bronzed bands.
Inhabits *Surinam* ; size of *C. bifasciata*.
Shells very faintly punctured and striate.
- Saturalis.* Testaceous ; shells brassy, polished, with 2 yellow dots and 2 bands.
Inhabits *Cayenne*.
Thorax yellowish at the edge : shells smooth with a dot at the base, 2 bands in the middle and a dot at the tip.

- Pulchra*. Brassy : shells yellow with a brassy future and fillet.
Inhabits *North America*.
- Guttata*. Black ; thorax with a white sinuate band : shells edged with white and marked with 6 white dots.
Inhabits the *Cape of Good Hope*. BANKS.
Antennæ black, ferruginous at the base : *head* black with 2 large white spots at the base : *shells* punctured striate, the dots 1,2,2,1.
- 14 punctata*. Oval, testaceous : shells yellow with 16 black dots, 2 of them common.
Inhabits *India*. Hind-thighs 1-toothed.
- Ignita*. Blue, polished : shells brassy : antennæ and ends of the legs brown.
Inhabits *Cayenne*.
Antennæ brown, blue at the base : *shells* with a gold gloss, a little greenish at the edge.
- Surinamensis*. Blue, very smooth : antennæ and ends of the legs brown.
Inhabits *Surinam* ; large ; *mouth* brown.
- Asiatica*. Oval, brassy-green, finely polished : shells blue.
Inhabit *Southern Russia*.
Shells violet-blue, finely polished.
- **Graminis*. Oval, green-blue, polished : antennæ and legs the colour of the body.
Inhabits *Europe*. Schæff. *Icon. tab. 21, fig. 10*.
- Bifrons*. Oval, brassy-green : body blue.
Inhabits *Italy* : size of the last.
Antennæ black ; *thorax* thickened at the edge.
- Cuprea*. Oval ; head and thorax brassy : shells coppery : body black.
Inhabits *Germany*.
Antennæ black : *eyes* brown : *thorax* punctured, thickened at the edge : margin of the *abdomen* sanguineous.
- Tristis*. Oval, blue : antennæ brown.
Inhabits *Southern Europe*.
Thorax thickened at the edge : *shells* smooth.
- **Hæmoptera*. Oval, violet : ends of the legs and wings red.
Inhabits *Europe*. First joint of the *antennæ* rufous.
- Varians*. Oval, blue or brassy ; antennæ and legs black.
Inhabits *Saxony*. *Act. Hall. 1. tab. 9, fig. 13*.
Body quite smooth, immaculate.
- Violacea*. Roundish, blue : antennæ and legs the same colour.
Inhabits *Germany*. A little larger than the last.
Thorax smooth : *shells* finely punctured.

Centaurii. Oval, shining, coppery; beneath green bronzed: legs coppery.

Inhabits *Germany*. *Herbst. Arch. tab. 23. fig. 15.*

Tricolor. Oval, brassy, polished; beneath black; antennæ, tail and legs ferruginous.

Inhabits *Virginia*; middle-sized.

Antennæ ferruginous, nearly as long as the body.

Luteicornis. Oval, black bronzed: antennæ yellow.

Inhabits *South American Islands*.

Body sprinkled with small impressed dots.

Semisfriata. Oval, black; shells yellow striate with black before and behind, with a black band in the middle.

Inhabits *Brazil*. *Banks.*

Head black; antennæ rufous: thorax black, the fore-edge and sides yellow: shells with 10 abbreviated striæ at the base, and 8 at the end.

**Populi.* Oval; thorax blueish: shells red tipped with black.

Inhabits *Europe*. *Schæff. Icon. tab. 21, fig. 9.*

Destroys the leaves of the ash tree.

Larva 6-footed, varied with white and black, with a double row of tubercles discharging a disagreeable yellow moisture.

Tremula. Oval, blueish: shells testaceous.

Inhabits *Europe*. *Ceaff. Inf. 1, 25. B. 2.*

Resembles the last, but is about half the size.

Grossula. Oval, blue, polished: shells testaceous, immaculate.

Inhabits *Italy*: larger than *C. populi*.

Antennæ black: shells finely polished.

**Staphy-*
lea. Oval; dull testaceous.

Inhabits *Europe*. *Schæff. Icon. tab. 21, fig. 12.*

Fervida. Oval, testaceous: shells bronzed with a testaceous margin.

Inhabits *Java*. Eyes black.

Thorax rounded, polished, testaceous, with 4 dorsal black dots: shells green, the edge testaceous.

**Polita.* Oval; thorax gilt: shells testaceous.

Inhabits *Europe*. *Schæff. Icon. t. 65, f. 9.*

Lunata. Oval, ferruginous: shells with a yellow edge, fillet and lunule in the middle.

In the museum of Sir *Joseph Banks*.

Glabrata. Oval, testaceous, polished: shells with a blue border.

Inhabits *Surinam*: gibbous.

- Lurida.* Oval, black : shells chestnut, punctured striate.
Inhabits *France*, on the vine.
- **Boleti.* Black ; shells with 3 jagged orange bands.
Diaperis Boleti Fabricius i. ii. p. 516.
Donovan's Eng. Insects, iii, plate 78, fig. 1, 2,
Found on the fungi growing at the roots of trees.
- Diaperis.* Black-blue : antennæ ferruginous at the tips.
Diaperis Violacea Fabricius i, 2, p. 517.
Inhabits *Germany*, on fungi:
Shells punctured striate : ends of the legs ferruginous.
- Fusco-vittata.* Oval ; thorax black bronzed : shells yellow, with 9 brown fillets.
In the museum of Sir *Joseph Banks*.
Shells with a line of dots each side between the fillets : body brown.
- Stolida.* Oval, ferruginous : head and thorax yellow : shells variegated.
Inhabits *South America*.
Antennæ black : shells varied with yellow and ferruginous, the edge yellow.
- Nigricornis.* Oval, black-blue : head sides of the thorax and double spot at the base of the shells ferruginous.
Inhabits *New Holland*.
Head ferruginous with a black frontal dot : antennæ black : shells finely punctured : abdomen black, ferruginous at the base and tip : shells sometimes with ferruginous dots.
- Collaris.* Oval, violet : edges of the thorax white with a black dot.
Schæff. Icon. tab. 52, fig. 11, 12.
Inhabits *Europe* and *America*, on willows,
Thorax with 2 impressed dorsal dots.
- Salicis.* Oval, blue : thorax smooth, the edge thickened ferruginous.
Inhabits *Saxony*, on the willow.
Head with an impressed dot : thorax with an almost invisible rufous impressed dot : shells punctured.
- Senegalensis* Oval, dull-brassy : edge of the thorax and shells ferruginous : thorax with a black dot.
Inhabits *Senegal* : size of *C. collaris*.
Antennæ black, ferruginous at the base.
- Viminalis.* Oval ; black ; thorax rufous 2-spotted : shells rufous.
Inhabits *Europe*, on the willow.

- Cyanipes*. Oval, rufous: shells with blue dots on the hind-part.
Inhabits *New Holland*. BANKS.
Head rufous with a blue spot at the base: antennæ blue: thorax
rufous: scutell blue: abdomen black: tail rufous: legs blue.
- Cyanicornis*. Oval, rufous: thorax with a blue dorsal spot and 2 dots:
shells with 8 blue spots.
Inhabits *New Holland*. BANKS.
Spots on the shells 2, 3, the middle one in the future, 3, the
middle one in the future at the tip: abdomen blue, the base
and tip ferruginous.
- **10-punctata*. Oval; thorax red, black behind: shells rufous with 10 black
dots.
Inhabits *Europe*. Schæff. *Icon. tab. 21, fig. 10*.
The number of dots in the shells is very uncertain.
- 5-punctata*. Black; thorax rufous with 2, shells rufous with 3 black
dots each.
Inhabits *Europe*: probably a variety of the last.
Head black, mouth rufous. dots on the shells 2, 1: tail and legs
rufous.
- **Pallida*. Oval, yellowish: eyes black.
Inhabits *Europe*, on the Sorb-tree.
Shells sometimes with indistinct black spots.
- Striata*. Oval, black, polished: shells striate testaceous, the future
black.
Inhabits the *Cape of Good Hope*: gibbous.
Shells punctured, the striæ in pairs.
- Alternans*. Oval, dull brassy: shells with alternate green and rufous
stripes.
Inhabits *American Islands*: small.
Edge of the thorax a little thickened and punctured: shells with
5 alternate stripes, the future one green, the marginal one
red; between each stripe is a row of impressed dots: body black.
- Notata*. Oval; thorax fulvous with 4 black dots: shells pale varied
with black.
Inhabits the *Cape of Good Hope*.
Head fulvous, black at the base: shells with 2 waved black bands
before and a black dot behind: body pale: base of the abdomen
black.
- Rumicis*. Oval; thorax fulvous with 4 black dots: shells fulvous with
a black future and fillet down the middle.
Inhabits *Spain*, on the *Rumex spinosus*.
Antennæ black, the first joint fulvous: head fulvous with a black
dot in the middle at the base: body black: legs fulvous.

- Vulpina*. Oval, black : edge of the shells and 4 dots white, the tip white spotted with black.
Inhabits the *Cape of Good Hope*.
- Crassicornis* Oval, yellowish : shells with 2 black dots.
Inhabits *New Holland*.
Antennæ black, pale at the base : hind-spot on the shells large, oblong : legs black, yellowish at the base.
- Micans*. Oval, above brassy, polished : hind-margin of the thorax and spot on the disk of the shells coppery.
Inhabits the *Island Sumatra*.
Antennæ black : shells substriate with a large shining copper spot on the disk,
- **Lapponica* Oval ; thorax green : shells red with a blue band between a dot and a lunate spot.
Inhabits *Europe*. *Shæff. Icon. tab. 44, f. 2.*
Suture of the shells blue.
- Undalata*. Oval, rufous : shells with 3 blue-black waved bands.
Inhabits *India*.
Antennæ, legs and base of the abdomen blue-black.
- **8-guttata*. Oval, shells brown with 8 pale spots, some of them connected.
Inhabits *New Holland*.
Head pale with a black spot at the base : *antennæ* black : thorax pale with 3 dorsal brown spots : shells faintly puncture-striate : abdomen black with a pale edge.
- **Polygoni*. Oval, blue-green : thorax, thighs and tail rufous.
Donovan's Eng. Insects, iii. plate 96, fig. 1.
Inhabits *Europe* ; on the *Polygonum aviculare*.
- Russica*. Oval, blue : base of the antennæ, thorax, tail and legs rufous.
Inhabits *Russia* ; less than the last.
Head blue with a red dot at the base each side : shells lightly punctured.
- Brunnea*. Oval, testaceous : suture and line down the middle of the shells brown.
Inhabits *New Zealand*.
Thorax with 2 black dots : shells punctured.
- **Cerealis*, Oval ; thorax and shells striped with blue, crimson, and yellow-green inclining to gold : wings scarlet.
Donovan's Eng. Insects. iv, plate 115.
Inhabits *Europe*, on the Butcher's broom.
Thorax with 3, shells 5 blue stripes.

Modesta. Oval, green, bronzed: thorax with 4, shells with 2 coppery stripes.

Inhabits *India*; less than *C. cerealis*.

Head with 2 vertical coppery dots: mouth and antennæ black: thorax punctured: future blue: body and legs dusky.

Americana. Oval, brassy-green: shells with 5 sanguineous lines.

Inhabits *America* and *Europe*; on the *Lavandula*.

Head brassy with a vertical scarlet spot.

Festiva. Oval, black brassy: 3 lines on the shells and fore-part of the future yellow.

Inhabits *America*. *Degeer Inf.* 7, tab. 49, fig. 12.

Shells punctured striate.

* *Fastuosa.* Oval, golden; shells with 3 blue stripes.

Donovan's English Insects, vii, plate 194.

Inhabits *Europe*; on the *Lamium album*.

Head, thorax and abdomen blue: antennæ and tarsi brown:

* *Marshami* Thorax greenish-gold: shells coppery, irregularly punctured.

Donovan's English Insects, viii, plate 286, f. 1.

Inhabits *England*. lately found by Mr. MARSHAM:

Splendida. Oval, green, bronzed: antennæ and ends of the legs black.

Inhabits *Tranquebar*: size of *C. fastuosa*.

Shells punctured: legs brassy.

Gloriosa. Oval, shining green: shells with a blue line.

Inhabits *Italy*: shells with a single blue line.

Speciosa. Oval, green, silky: shells with 2 gold lines.

Inhabits *Europe*. *Holl. tab.* 6. fig. 2.

Stripes on the shells meet before and behind.

Cyanea. Oval, thorax rounded, cylindric: body shining blue: legs black.

Inhabits *South America*.

Thorax not margined, and with the shells punctured.

Præstiosa. Oval, thorax globular, and with the shells very smooth: body blue.

Inhabits *Germany*.

Nitida. Oval; thorax rounded, brassy-green: antennæ blue.

Inhabits *Siam*: body bronzed

- Aurata.* Oval; thorax rounded blue: shells golden edged with blue.
Inhabits *Pensylvania*.
Head blue: antennæ black: shells gibbous at the base: abdomen blue.
- * *Limbata.* Oval, black: shells with a sanguineous border.
Inhabits *England*. Schæff. *Icon. tab. 21. fig. 20.*
Shells smooth, the lateral and fore edge red: colour black with a light gold tinge.
- Carnifex.* Oval, black: shells very smooth, the outer margin sanguineous.
Inhabits *Germany*: base of the shells black.
- * *Sanguinolenta.* Oval, black-blue: shells punctured, the outer margin yellowish.
Inhabits *Europe*. *Donov. Eng. Inf. iv. pl. 3. fig. 3, 4.*
- Marginata.* Oval, black-blue: shells punctured and edged with pale yellow.
Inhabits *Europe*. Schæff. *Icon. tab. 21. fig. 19.*
Wings sanguineous.
- Sebach.* Oval; thorax black bronzed and highly polished: shells dusky smooth with a sanguineous margin.
Inhabits *Germany*; less than the last.
Antennæ black, the 2 first joints ferruginous: wings white.
- Analís.* Oval, black: shells brown, the outer edge testaceous.
Taken on *Linne's Estate at Hammarby*.
Thorax shining: antennæ pale at the base.
- * *Aucta.* Oval, thorax blue polished: shells punctured, blue edged with red.
Inhabits *Europe*. Antennæ and legs black.
- Barbata.* Oval, black, polished: shells punctured: antennæ yellowish at the base.
Inhabits *Burlary*: nearly orbicular.
Antennæ tipped with black: shells slightly ferruginous at the edge: tarsi rufous.
- * *Margi-nella.* Oval, black-blue: thorax and shells edged with yellow.
Inhabits *Europe*, on various species of *Ranunculus*.

- Hannoveriana.* Oval, blue: edge of the thorax and shells and fillet down the latter ferruginous.
Inhabits *Europe*, on the *Sisymbrium*.
Antennæ black: *shells* punctured striate.
- Areata.* Oval, black: thorax and shells very smooth with a rufous margin.
Inhabits *Paris*: legs black.
- 5-punctata.* Oval black: thorax rufous: shells testaceous with 5 black dots.
Inhabits *Hamburg*.
Shells smooth, dots 1 at the tip and base and a common one in the middle.
- Crotonis.* Oval, black bronzed: antennæ yellow.
Inhabits *America*, on the *Croton glandulosum*.
- Scutellata.* Oval, rufous: shells with 5 black dots.
Inhabits *Germany*. *Herbst. Arch. tab. 23. fig. 24.*
Antennæ tipped with brown: *shells* smooth with a common spot at the base and 2 approximate ones in the middle, nearly confluent: *abdomen* black at the base.
- Pectoralis.* Oval, rufous: breast and base of the abdomen black.
Inhabits *Germany*: size of the last.
Body smooth polished: *legs* testaceous.
- * *Litura.* Oval, pale rufous: future and line down the shells black.
Inhabits *England*. *Herbst Arch. tab. 23. fig. 18.*
Hind-margin of the *bead* black: *shells* punctured striate: *body* beneath black: *legs* pale: the *male* is pale where the *female* is rufous, and sometimes the black line on the shells is wanting.
- Haemor-rhoidalis.* Oval, black, polished: antennæ yellowish at the base: tail red above.
Found on the birch and alder.
Shells striate punctured: *body* sometimes green or blue, but the tail is always red.
- Fucata.* Oval, black: thorax and shells brassy-green.
Inhabits *Italy*: *shells* irregularly punctured.
- * *Ænea.* Oval, brassy-green: tail ferruginous: antennæ and shanks black.
Inhabits *Europe*, on various herbs.
Antennæ rufous in the middle.

- 2-punctata*. Oval, testaceous: shells with a brown spot.
Inhabits the *Cape of Good Hope*.
Antennæ brown, testaceous at the base: *shells* wider than the body:
legs testaceous tipped with brown.
- Philadelphica*. Oval, green: shells yellow spotted with green: antennæ
and legs ferruginous.
Inhabits *Pensylvania*. *Degeer. tab. 16. fig. 13.*
Suture of the shells sometimes yellow or green.
- * *Armoricæ*. Oval, blueish, polished: beneath black.
Inhabits *Europe*: shells punctured.
- Cochlearia*. Oval, blueish; beneath black: shells striate.
Inhabits *Germany*, on tetradynamious plants.
Antennæ and *legs* black: *body* often greenish.
- Pallipes*. Oval, black: shells and legs palish.
Inhabits *Germany*: small.
Antennæ pale at the base: *shells* very smooth.
- Sophiæ*. Oval, blue: shanks and ends of the tarsi yellow.
Inhabits *Saxony*, on the *Sisymbrium sophia*.
Shells a little pointed, smooth polished.
- Æruginæa*. Roundish brassy: legs ferruginous.
Inhabits *Italy*. *Ross. Fn. tab. 3. fig. 11.*
Antennæ brown, ferruginous at the base.
- Fuscipes*. Violet; antennæ shanks and ends of the tarsi dull ferruginous.
Inhabits *Europe*. *Mus. Lesh. p. 13. n. 243.*
- Occidentalis*. Brassy-green: antennæ and legs yellow.
Inhabits *America*. *Rolander*
- Minutissima*. Black, opaque: shells shorter than the body.
Inhabits *Sweden*: exceedingly minute.
- Carbonaria*. Black; shells faintly punctured in 9 rows.
Inhabits *Europe*. *Mus. Lesh. p. 14. n. 285.*
- 10-notata*. Black; shells with 10 rows of dots.
Inhabits *Europe*. *Mus. Lesh. p. 14. n. 266.*

Luteicornis.

Luteicornis. Black; antennæ reddish-yellow: shells faintly punctured in 9 rows, the edge reflected testaceous.

Inhabits Europe. *Mus. Lesk. p. 14. n. 275.*

Subpunctata Black bronzed: shells faintly punctured.

Inhabits Europe. *Mus. Lesk. p. 14. n. 276.*

Erythromelas. Black, smooth: shells punctured, sanguineous at the edge.

Inhabits Europe. *Mus. Lesk. p. 14. n. 270.*

Cyanomelas. Violet; head thorax and shells black, the latter deeply punctured: base of the antennæ red.

Inhabits Europe. *Mus. Lesk. p. 14. n. 265.*

Erythroptera. Brassy; head and thorax brassy-brown: shells red, gibbous at the base.

Mus. Lesk. p. 13. n. 257.

Hypochæridis. Gilt; antennæ black: shells abbreviated.

On the flowers of the *Hypochæris maculata*.

Barbarica. Brassy-green: shells with 5 red lines: wings fine red.

Inhabits Barbary. *Sulz. Hist. Inf. tab. 3. fig. 16.*

Æstivans. Ferruginous; shells with 4 differently shaped spots.

Inhabits America. Shells obsoletely punctured striate.

Cyannella. Violet; shells with 4 greenish lines.

Inhabits Europe. *Schaeff. Icon. tab. 21. fig. 10. 2.*

Olivacea. Olive bronzed; lateral edges of the thorax thickened: shells punctured striate.

Inhabits Germany. *Schall. Aët. Hall. 1. p. 272.*

Shells with 9 rows of impressed dots.

Sternicornis Violet: sternum projecting.

Inhabits India. *Aët. Hall. 1. tab. 1. fig. 1.*

Thorax and shells with numerous impressed dots.

Globosa. Shells black: thorax sanguineous: legs reddish-brown.

Inhabits Sweden. *Thunb. Aët. Ups. 4. p. 11, n. 18.*

Hollandica. Above brassy: shells punctured: beneath black covered with cinerous down.

Inhabits Sweden. *Thunb. Aët. Ups. 4. p. 11, n. 19.*

- Undata.* Shells testaceous with 2 black bands and dots: head thorax and body beneath testaceous.
Inhabits Germany. *Thunb. Aët. Ups.* 4. p. 12. n. 30.
- Bipustulata.* Shells black with a yellow spot at the tip: head and sides of the thorax yellow.
Inhabits Sweden. *Thunb. Aët. Ups.* 4. p. 13. n. 21.
- Gigas.* Entirely blue: eyes yellowish-brown: shells very smooth.
Inhabits India. *Herbst Arch.* 4. tab. 23. fig. 2.
- Gronovii.* Black, polished: double band and edge of the thorax black: shells yellow with a black spot interrupted fillet and 2 dots.
Herbst. Arch. Inf. 4. p. 52. n. 4. tab. 23. fig. 4.
Above half an inch long.
- Indica.* Black; abdomen yellow: shells subdiaphanous, brown with 3 yellow bands.
Inhabits India. *Herbst. Arch.* 4. tab. 23. fig. 5.
- Lomata.* Black; head thorax and shells blue, the latter obscurely punctured and sanguineous at the edge.
Inhabits Germany. *Herbst. Arch. tab.* 23. fig. 8.
- Centaurea.* Gold-green: thorax and shells red punctured: antennæ black: tarsi brown.
Inhabits Berlin. *Herbst. Arch. tab.* 23. fig. 15.
- Taraxacensis.* Gold-red, beneath gold-green: shells punctured striate: antennæ black.
Inhabits Berlin. *Herbst. Arch. tab.* 23. fig. 16.
- Exilis.* Black; head and thorax very smooth and with the legs fulvous: shells with brown dots disposed in rows and 2 black confluent spots.
Herbst. Arch. Inf. 7. p. 161. n. 56. tab. 44. fig. 1.
- Unicolor.* Livid; shells smooth with hollow scattered dots.
Inhabits America. *Herbst. Arch.* 7. tab. 44. fig. 1.
- Grisea.* Greenish-grey, subvillous: antennæ and legs yellowish.
Inhabits Berlin. *Herbst. Arch.* 7. tab. 4. fig. 2. a. b.
- Cacaliae.* Greenish; stripe down the shells and sutures blue: wings red.
Inhabits Austria. *Herbst. Arch. tab.* 45. fig. 2.

- Bulgarensis*. Black; shells brassy-black punctured: claws red.
Inhabits *Austria*. *Herbst. Arch. tab. 23. fig. 13.*
- Binotata*. Testaceous; shells ferruginous at the base,
Inhabits *Denmark*. *Mull. Fn. p. 8. n. 73.*
- Fridricksdalensis*. Thorax with a black spot, shells sanguineous immaculate:
abdomen black.
Inhabits *Europe*. *Schaeff. Icon. tab. 194. fig. 4.*
- Similis*. Violet-black: sides of the thorax and base of the antennæ
red.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 18. n. 880.*
- Orichalcea*. Black; above brassy: shells with punctured striæ.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 82. n. 889.*
- Grossula*. Black beneath violet: tarsi spongy, beneath brown.
Inhabits *Denmark*. *Schaeff. Icon. tab. 126. fig. 1.*
- Punctata*. Violet; shells punctured striate: tail red.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 82. n. 890.*
- Obtusa*. Violet: thorax and legs rufous.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 82. n. 895.*
- Thoracica*. Violet; lateral edge of the thorax dilated: shells punctured
striate.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 82. n. 898.*
- Bilineata*. Green-gold: thorax excavate before: shells with a double
blue line.
Inhabits *Scandinavia*. *Aët. Nidr. 4. tab. 16. fig. 5.*
- Serotina*. Rufous, polished: eyes black: hind-shanks arched.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 83. n. 905.*
- Cærulea*. Blue; thorax violet.
Inhabits *France*. *Geoffr. Inf. 1. p. 259. n. 6.*
- Atrata*. Black; wings sanguineous.
Inhabits *France*. *Geoffr. Inf. 1. p. 259. n. 7.*
- 10-striata*. Green; polished, with 10 coppery striæ divided by a dou-
ble row of dots.
Inhabits *France*. *Geoffr. Inf. 1. p. 261. n. 13.*

Raficauda. Dull brassy-green, polished: sides of the abdomen, tail and edge of the wings red.

Degeer, Inf. 5. p. 305. n. 17.

Viridula. Green-gold, polished: thorax equal before: abdomen above entirely black.

Inhabits *Europe.* *Goed. Inf. 1. tab. 45.*

Amethytina Above blue-violet; beneath green-violet: shells with scattered hollow dots.

Degeer, Inf. 5. p. 316. n. 22.

Thorax large: *antennæ* short, black.

Cruentata. Black; shells smooth with transverse waved bands and red spots.

Inhabits *America.* *Degeer, Inf. 5. tab. 16. fig. 9.*

Hæmostata. Head and thorax dull brassy-green: shells black with numerous red spots and hollow dots.

Inhabits *America.* *Degeer, Inf. 5. tab. 16. fig. 10.*

Fuliginosa. Brown, depressed: thorax and shells grey brown: *antennæ* black.

Inhabits *Surinam.* *Degeer. Inf. 5. tab. 16. fig. 15.*

Asclepiada. Dark-blue, polished: *antennæ* black: dots on the thorax scattered, on the shells in lines.

Inhabits *Siberia.* *Pall. It. 2. app. n. 69.*

Sapphirina. Blue, polished: mouth and eyes red; *antennæ* black.

Forst. Nov. Inf. gen. p. 19. n. 19.

Thorax and *shells* with minute scattered dots.

* *Anglica.* Black-blue: shells brassy black striate punctured: wings red.

Inhabits *England.* *Forst. nov. Inf. p. 20. n. 20.*

Rbois. Ferruginous; head thorax and a few striæ on the shells pale.

Inhabits *America.* *Forst. nov. Inf. p. 21. n. 21.*

Novaeboracensis. Thorax rufous with black dots on the disk: shells rufous with black suture dots and lines.

Inhabits *New York.* *Forst nov. Inf. p. 22. n. 22.*

- *Vernalis.* Black; head, thorax, shells and legs olive: shells with a black longitudinal stripe and suture.
Inhabits *England*. *Forst. Nov. Inf.* p. 23, n. 23.
- Frontalis.* Black, head, base of the antennæ, edge of the shells and legs ferruginous.
Inhabits *America*. *Forst. Nov. Inf.* p. 24, n. 24.
- Sisymbrii.* Head black: edges round the thorax and shells sanguineous.
Inhabits *Russia*. *Lepech. It.* 1, tab. 20, fig. 3.
- Lepechini.* Head blue: thorax and shells red with 2 blue bands.
Inhabits *Russia*. *Lepech. It.* 1. tab. 4. fig. 7.
- Rubicunda.* Black; thorax and shells reddish: incisures of the abdomen white.
Inhabits *Russia*. *Lepech. It.* 1, tab. 20, fig. 3.
- Distincta.* Dull-green: thorax and shells with an interrupted yellow border.
Inhabits *Russia*. *Lepech. It.* 1. tab. 20, fig. 6.
- *4-punctata.* Head black: thorax black edged with red: shells carmine with 4 black dots.
Inhabits *Europe*. *Lepech. It.* 2, tab. 11, fig. 20.
- Pruni.* Black; head, thorax and tips of the shells rufous.
Inhabits *Europe*, on the cherry tree.
- Cognata.* Blue, legs black: tail above and first joints of the antennæ fulvous.
Inhabits *Berlin*. *Herbst. Arch.* 4, p. 58, n. 37.
- Erythropus.* Shining-green, granulate: shells obtusely mucronate: antennæ fulvous.
Inhabits *Berlin*. *Herbst. Arch.* 4, p. 59, n. 38.
- Raphani.* Shining-green: shells granulate: last joints of the antennæ and tarsi black.
Inhabits *Berlin*. *Herbst. Arch. Inf.* tab. 23, fig. 21.
- Aerosa.* Black powdered with blueish, beneath brown: antennæ and legs black: shells with 7 rows of dots.
Inhabits *Pomerania*. *Herbst. Arch.* 4. tab. 23. fig. 22.
- Melanopus.* Blue, beneath brown: antennæ and legs black: shells with scattered dots.
Inhabits *Berlin*. *Herbst. Arch.* 4, tab. 60, fig. 44.

- Japonica*. Testaceous ; thorax livid, the posterior margin with 5 black dots : shells blue-black.
Inhabits *Japan*. *Hornstedt, Schrift. t. 1. f. 1.*
- Malaccensis* Head, thorax and legs ferruginous : shells brassy-black, the inner margin ferruginous.
Inhabits *Malacca*. *Hornst. Naturf. tab. 1. fig. 9.*
- Crassipes*. Testaceous ; eyes [black : shells hardly punctured : thighs thick.
Inhabits *Europe*. *Mus. Lesk. p. 14, n. 277.*
B. *Oblong* ; *lip bifid* ; *hind-thighs equal*. *Galleruca*.
- Bimaculata* Black ; shells testaceous with a black spot.
Inhabits *America* ; tail testaceous.
- Immaculata*. Testaceous, beneath black.
Inhabits the *Cape of Good Hope*.
Antennæ brown, testaceous at the base : segments of the *abdomen* testaceous at the edge.
- Fasciata*. Black ; shells with 3 yellow bands.
Inhabits *America*.
Antennæ black, pale at the base : *head* black, the hind margins pale : *tail* yellow : tips of the *thighs* and *shanks* yellow.
- **Ruficollis*. Green bronzed : thorax and legs rufous.
Inhabits *England*.
Antennæ rufous tipped with brown : *mouth* and *legs* rufous.
- Flavicornis* Punctured, green bronzed : antennæ and legs yellow.
Inhabits *Cayenne* : shells with striate punctures.
- Crenata*. Beneath brassy, above coppery : antennæ yellow, the fifth and last joints brown.
Inhabits *Cayenne*.
Head and *thorax* punctured : shells with striate punctures.
- Litteralis*. Black ; shells with raised lines.
Inhabits *Europe*. *Geoff. Inf. 1. tab. 4, fig. 6.*
Shells with 4 raised lines, between which are numerous impressed dots.
- Cayennensis*. Black ; head, thorax and 4 fore-thighs rufous.
Inhabits *Cayenne*.
Mouth and *antennæ* black : *thorax* impressed in the middle : shells smooth : edge of the breast rufous.

- Nigripennis* Pale ; head and shells blue-black.
 Inhabits *Surinam* ; size of the last.
Antennæ black, the first joint pale : *head* caniculate, black with
 a gloss of blue : *thorax* transverse, short : *shells* smooth, dusky,
 the edge blue polished : *legs* black : *thighs* pale beneath.
- **Tanaceti*. Black, punctured : shells coriaceous.
 Inhabits *Europe*. *Schæff. Icon. tab. 21, fig. 14.*
- Rustica*. Black ; thorax and shells grey.
 Inhabits *Germany*.
Shells punctured, with 3 elevated lines.
- 12-punctata*. Thorax yellowish : shells green, with 6 black dots.
Head black : second and third joint of the *antennæ* greenish :
thorax yellowish with an impressed dot each side : *dots* on the
shells disposed in pairs : *breast* black : *abdomen* and *legs*
 yellowish.
- **Alni*. Violet ; shells irregularly punctured : legs and antennæ
 black.
 Inhabits *Europe*. *Schæff. Icon. tab. 65, fig. 6.*
- Jamaicensis* Blue ; antennæ and legs black.
 Inhabits *Jamaica* : less than the last.
Thorax and *shells* blue, polished, immaculate : *abdomen* dusky.
- Absinthii*. Pale, spot on the thorax and 3 lines on the shells black.
 Inhabits *Siberia*. *Pall. Icon. 2. 725. 70.*
Head pale, black at the base : *legs* ferruginous, the joints black.
- Concolor*. Yellowish, polished : eyes black.
 Inhabits *Africa*.
- Guadelupensis*. Black ; shells brown with a yellowish border
 Inhabits *Guadeloupe* ; middle sized.
Thorax with an impressed dot each side behind : shells striate
 punctured : *abdomen* reddish.
- Picea*. Pitchy ; legs testaceous.
 Inhabits warm parts of *Africa*.
Body polished, dull ferruginous : *thorax* with an impressed dot
 each side.
- **Betula*. Violet : shells with striate punctures.
Degeer Inf. 5. tab. 9, fig. a. b.
 Feeds on the under surface of the leaves of the *Betula alba*.

- Tricolor.* Thorax fulvous dotted with green : shells shining green : abdomen black.
In the museum of Sir JOSEPH BANKS.
Head green ; *mouth* fulvous : *antennæ* brown : *thorax* with 5 green dots at the base, 4, 1 : *breast* fulvous : *abdomen* covered with cinereous down : *legs* fulvous.
- Livida.* Black ; shells and legs testaceous.
Inhabits *Germany*.
Head black ; *mouth* livid : *shells* subvillous.
- **Vitellina.* Blue or green : shells with striate punctures : tail rufous.
Roes. Inf. 2. Scarab. 3, tab. 1.
Very common on willows and poplars.
Larva yellow dotted with black, head and tail black : has a disagreeable smell, and feeds in numbers disposed in parallel lines on the under surface of the leaves.
- Ruficaudata* Black ; shells green : tail rufous.
Thorax thickened at the edge : *body* beneath brassy-black : see *Chr. ruficauda*.
- Avicenniae.* Ferruginous : shells blue.
South America ; small.
Antennæ black, ferruginous at the base.
- Lacetae.* Head and thorax dull ferruginous : shells brassy-black.
Inhabits *Dresden*.
Shells striate punctured : *abdomen* black : *legs* ferruginous.
- Calcarata.* Black ; shells striate punctured : shanks 1-toothed at the tip.
Inhabits *Germany* : size of *C. coccinea*.
Antennæ black, pale at the base : *thorax* transverse punctured at the edge.
- Punctulata.* Black ; shells striate punctured : antennæ and legs yellow.
Inhabits *Germany* : size of the last.
Antennæ yellowish tip with brown : *head* black : *mouth* yellowish : *thorax* punctured.
- Morbillosa.* Black ; antennæ, thorax, abdomen and legs yellowish.
Inhabits *Germany*.
Head black : *antennæ* yellowish tip with black : *thorax* rufous punctured : *shells* striate punctured black, the edge here and there yellowish.
- Gruenta.* Sanguineous ; thorax immaculate : shells with 3 black dots.
Inhabits *East India*.
Shells smooth, with a black dot at the base and 2 in the middle : *body* pale sanguineous.

Coccinea. Thorax margined, fanguineous, with black spot: shells fanguineous with 2 black spots.
Inhabits *Europe*. *Degeer. Inf. 5. tab. 9. fig. 1.*

Cruciata. Red; shells with a black cross.
Inhabits *Saxony*. *Aët. Hall. 1, 273.*
Head dusky: *antennæ* black: *body* rufous: *base* of the *abdomen* black: *legs* black.

**4-pustula.* Black; edge of the thorax, 2 spots on the shells and legs rufous.
Inhabits *Europe*, on the *Lycoperdon*.
Thorax polished black, a little reflected at the edge, and dull rufous.

Bovistæ. Black, polished: *antennæ* and legs ferruginous.
Inhabits *Germany*, on the *Lycoperdon bovistæ*.
Thorax a little reflected at the edge.

4-maculata. Thorax testaceous immaculate: shells testaceous with 2 black spots.
Inhabits woods of *Germany*.
Head testaceous, black at the base between the eyes: *thorax* rounded: *shells* with a black rounded spot at the base, and a transverse one behind the middle: *abdomen* black: *legs* testaceous.

**20-punctata.* Brassy-green: edges of the thorax white: shells white with 10 brassy spots.
Inhabits *Europe*. *Schæff. Icon. tab. 3, fig. 4. t. 51, f. 7.*
Head and *thorax* brassy: *spots* oblong.

Triloba. Head and thorax yellowish spotted with black: shells grey: body black.
Inhabits the *Cape of Good Hope*.
Head yellowish with a black spot at the base: *antennæ* black: *thorax* with 3 black spots, the middle one 3-lobed.

Lineola. Grey; thorax with a black dorsal line: shells with a black dot at the base.
Inhabits *Italy*.
Antennæ black: line on the *thorax* subangular: *body* brown covered with cinereous down.

**Nymphææ.* Brown, margin of the shells a little prominent and yellowish.
Degeer Inf. 4. 326, 31, tab. 20, fig. 1, 2.
Inhabits *Europe*, on the *Nymphæa*.

**Capræ.* Thorax spotted with black and with the shells grey: *antennæ* black.
Inhabits *Europe*, on willows: *abdomen* black.

- Cincla*. Pale ; edge all round the shells black.
Inhabits *Tranquebar*. *Hybn. Natur.* 24, *tab.* 1, *fig.* 6-8.
Antennæ singular, the second joint minute globular, 3-spinous
each side, 4, 5 impressed and emarginate outwards: suture of
the shells and marginal line interrupted, behind black.
- Palliata*. Pale yellow: shells black.
Inhabits *Tranquebar*. *Hybn. Natur.* 24, *tab.* 2, *fig.* 10.
- Cerasi*. Black; thorax rufous: shells pale edged with black.
Inhabits *Sweden*, on the Cherry tree.
Head black with a frontal ferruginous dot: legs ferruginous.
- Selandica*. Livid; antennæ brown.
Inhabits *Zealand*.
- Melanura*. Subtestaceous: tip of the shells and abdomen brown.
Inhabits *Sweden*.
Antennæ testaceous tipped with black.
- *Calma-*
riensis. Dull-yellow: suture and stripe down each shell black.
Inhabits *Europe*. *Donovan's Eng. Inf.* vi. *pl.* 185, *f.* 1.
Thorax yellow at the sides, greenish-black in the middle: shells
with a greenish cast.
- Abdomi-*
nalis. Yellow; antennæ and abdomen brown: tail yellow.
Inhabits *India*. *Hybn. Natur.* 24, *tab.* 2, *fig.* 9.
Jaws black.
- Opaca*. Dusky-black: legs ferruginous.
Inhabits the *Cape of Good Hope*.
Base of the antennæ and legs ferruginous.
- Sanguinea*. Rufous; antennæ and eyes black.
Inhabits *Saxony*: abdomen black: legs cinereous.
- *Tenella*. Ferruginous; thorax and edge of the shells yellow.
Inhabits *Europe*, on the Willow.
- Picta*. Brown; head and thorax yellow spotted with black.
Inhabits *India*.
antennæ pale with black lines: head yellow with a dorsal black
line: thorax yellow with a black dorsal line, a black dot each
side the line and another at the outer margin.
- Denticornis*. Black; thorax, edge of the shells, 2 dots on the margin
and band ferruginous.
Inhabits *America*, on the *Dolichos sinensis*.
Antennæ rufous, the third joint larger and widely emarginate:
legs rufous: hind-thighs tipped with black.

Nigricornis Yellowish ; base of the head and shells brassy: antennæ black.
Inhabits Germany. *Herbst. Arch. tab. 45. fig. 5.*
Antennæ black: *thorax* with an impressed dot each side: *breast*
with a black dot each side.

Melanos-
toma. Black ; head, thorax and shells red : scutel and future black.
Mus. Lesk. p. 14. n. 285.
Head with a black dot behind: *mouth* black.

Dichroa. Violet ; thorax, shells and shanks green.
Inhabits Europe. *Mus. Lesk. p. 14. n. 280.*

Elegans. Violet, bronzed : head, thorax and shells deeply punctured,
and with the legs brassy-green.
Inhabits Europe. *Mus. Lesk. p. 14. n. 281.*

5-maculata Testaceous ; shells deeply punctured and striate, each stripe
with 5 black spots.
Inhabits Europe. *Mus. Lesk. p. 13, n. 260.*

Gibbosa. Shells reddish-brown ; head and thorax dark brown.
Inhabits Upsal. *Thunb. Ups. Transf. 4. p. 14. n. 24.*

Rubi. Steel-blue : shells glabrous.
Inhabits Berlin. *Herbst, Arch. t. 44. f. 4, e, f.*

Longicornis Thorax roundish, above grey-brown polished ; beneath and
head black : antennæ long.
Inhabits Europe. *Degeer Inf. 5. tab. 16. fig. 9.*

lanthina. Brown bronzed : shells violet with 9 rows of dots : shanks
compressed rufous.
Inhabits Europe. *Mus. Lesk. p. 14, n. 286.*

Bimacu-
laris. Rufous ; shells testaceous, striate punctured with 2 oblong
dull brown spots.
Mus. Lesk. p. 15, n. 287.

C. Oblong, lip bifid ; hind-thighs thickened. Altica.

Flava. Yellow ; thorax with 6 black dots : shells violet.
Inhabits America.
Shells yellow at the edge especially towards the base : legs black :
thighs yellow.

Caroli-
niana. Yellowish : thorax with 2 black dots : shells with 5 black
fillets.
Inhabits Carolina.
Head yellow : antennæ and eyes black : middle stripe on the shells
covering the futures.

- Discoidea.* Ferruginous; disk of the shells black.
Inhabits *North America*; large.
Antennæ black: *legs* black: *thighs* ferruginous.
- Glabrata.* Thorax pale with 3 black dots: shells black with 2 white fillets.
Inhabits *Jamaica*, on the *Myrtus Pimento*.
Head black: *front* white: *shells* glabrous polished; *abdomen* brownish, the sides white.
- Pallens.* Pale; antennæ and legs black.
Inhabits *Guadeloupe*.
Antennæ black, pale at the base: *thorax* and *shells* glabrous, smooth immaculate.
- Biguttata.* Ferruginous; thorax and 2 spots on the shells white.
Inhabits *North America*.
Antennæ black: *front* white.
- 4-guttata.* Ferruginous; thorax white: shells black with 4 white dots.
Inhabits *Cayenne*; resembles the last.
- Equestris.* Thorax and shells white, the latter with a ferruginous margin at the base and band in the middle.
Inhabits *America*.
Head and *antennæ* black, a white dot between the antennæ: *body* brown.
- Lusitanica.* Black; shells brassy-green with a white margin and 2 dots.
Galleruca cincta. *Fabricius* 1, 2, p. 26.
Inhabits *Lusitania*.
Thorax dull brassy edged with white.
- Depicta.* Yellow; shells spotted with black.
Inhabits *Tranquebar*: large.
Antennæ subferruginous: *shells* smooth with 2 dots at the base and then a transverse spot, then 2 dots and afterwards 5 larger ones placed 2, 2, 1: *legs* ferruginous.
- Nobilitata.* Ferruginous; shells with a white margin and band.
Inhabits *Cayenne.* *Hybn. Natur.* 24. tab. 2. fig. 4.
Thorax bordered with white.
- 4-fasciata.* Ferruginous; shells with 4 white streaks.
Inhabits *Cayenne*.
Dot on the *head* and *antennæ* black: *thorax* varied with palest white: *shells* glabrous.

- Albicollis*. Black; thorax white: shells dull olive with 4 white dots, the inner one at the future linear.
Inhabits *Cayenne*.
Head with a large white frontal spot.
- Bifasciata*. Yellowish; shells with 2 black bands.
Inhabits *Guinea*; small.
Head ferruginous: antennae yellowish: fore edge of the thorax a little ferruginous: shells smooth.
- Famelica*. Yellowish; shells green with a pale edge.
Inhabits *America*.
Antennae black: head and thorax sometimes spotted, sometimes not: shanks brown.
- Bicolorata*. Rufous; shells and hind-thighs blue.
Degeer, Inf. 5. tab. 16. fig. 20.
Inhabits *America*, on the *Cytisus caiennensis*.
- Cestruata*. Brassy-green; shells violet: legs yellow.
Inhabits *South American Islands*.
Antennae black, yellow at the base: mouth yellow: shells smooth polished: all the legs yellow.
- Volkameria*. Rufous; shells blue.
Inhabits *America*, on the *Volkameria aculeata*.
Small; shells slightly striate: antennae brown.
- Calida*. Black; thorax brassy-green: shells violet.
Inhabits *South American Islands*: large.
Thorax smooth polished: legs black.
- Equinoctialis*. Thorax red: shells violet with 4 white alternate spots.
Inhabits *America*. *Degeer, Inf. 5. tab. 16. fig. 19.*
- Oleracea*. Entirely blueish-green.
Infests the seeds of garden plants, particularly those of the tetradynamious order.
- Erucæ*. Blue, polished: antennae black.
Inhabits *Germany*, on garden herbs.
- Albeola*. Thorax pale: shells brassy with a gold band and 2 spots.
Inhabits *New Holland*.
Head black; antennae pale at the base: abdomen black; legs pale: hind-thighs black.

*Fulvica-
collis.*

Thorax pale rufous: shells pale with a black suture and 2 spots.

Inhabits the *Cape of good hope*.

Head black: thorax paler at the edge: shells smooth polished pale, the suture which is terminated behind in a spot, black: body beneath pale: joints of the legs black: hind-thighs rufous.

Napi.

Blue-black; base of the antennæ and legs testaceous: hind-thighs black.

Inhabits *Germany*; size of *C. oleracea*.

Shells striate punctured black immaculate.

* *Hyoscyami*

Green, polished: legs testaceous: hind-thighs violet.

Inhabits *Europe*, on Henbane and cabbages.

* *Nigripes.*

Brassy-green; legs black.

Inhabits *England*.

* *Nitidula.*

Shining-green; head and thorax crimson gilt: legs testaceous.

Donovan's Eng. Insects, viii. plate 273,

Inhabits *Europe*, on the willow and alder:

Helxines.

Brassy-green; antennæ brown: legs testaceous.

Sulz. Inf. tab. 3. fig. 12.

Found chiefly on *Polygonum fagopyrum*.

Fulvicornis.

Golden; antennæ and legs yellow.

Inhabits *Sweden*: size of *C. nitidula*.

Hind-thighs with a black spot at the tip.

3-fasciata:

Above whitish with 3 brown bands.

Inhabits *Europe*, on plants.

Head with 1 band, shells with 2: thighs rufous.

Modeeri.

Brassy-green: spot on the hind-part of the shells and fore-legs yellow.

Inhabits *Europe*, on plants.

Semiænea.

Thorax brassy: shells punctured black tipped with rufous.

Inhabits *Germany*; more oblong than the last.

Antennæ black, the first joint rufous: legs rufous, hind-thighs black.

*Erythroce-
phala.*

Black-blue; head and joints of the legs rufous.

Inhabits *Europe*, on various herbs.

Sifymbrii.

Sisymbrii. Black; thorax fulvous: shells pale edged round with black.

Inhabits *Germany*; larger than *C. atricilla*.

Antennæ pale at the base, tipped with black: *shells* glabrous smooth paler than the *thorax*, the suture and margin black: *fore-legs* pale, hind black.

* *Atricilla.* Black; thorax and shells cinerous.

Inhabits *Europe*, on various plants.

Nasturtii. Black; shells testaceous edged round with black.

Inhabits *Holsace*, on garden herbs.

* *Dorsata.* Black; thorax and edge of the shells pale.

Inhabits *England*; probably a variety of *C. atricilla*.

* *Anglica.* Black; shells and flanks pale.

Inhabits *England*: thorax black.

* *4-pustu*
lata. Black; shells with 4 yellowish lines.

Inhabits *England* and *France*, in gardens.

Lines, 1 at the base and the other at the tip.

Rufipes. Blue; head thorax legs and base of the antennæ rufous.

Inhabits *Europe*. *Degeer, Inf. 5. tab. 10. fig. 11.*

* *Fuscipes.* Violet; head and thorax rufous: legs black.

Inhabits *England*, on mallows.

Ruficornis. Blue; head thorax antennæ and legs rufous: shells with crenate striæ.

Inhabits *Germany*: size of *C. rufipes*.

Thorax with a transverse impressed line behind.

Mercurialis. Roundish, black, polished: antennæ and legs dark brown.

Inhabits *Germany*, on the *Mercurialis*.

Advena. Gibbous, blue, polished: antennæ brown.

Inhabits *America*, middle-sized.

Head dull blue: *mouth* ferruginous.

* *Testacea.* Testaceous, gibbous: shells very smooth.

Inhabits *England*: larger than *C. exoleta*.

Antennæ and ends of the *legs* brown.

* *Exoleta.* Ferruginous; shells striate.

Found on the flower of the *Bugloss*.

- Holsatica.* Black, polished: shells with a red dot at the tip.
Very common in *Germany*, in gardens.
- * *Tabida.* Pale; eyes black.
Inhabits *England* on various herbs.
Antennae tipped with brown: *shells* smooth.
- * *Nemorum.* Black; shells with a longitudinal yellow fillet.
Sulz. Hist. Inf. tab. 3. fig. 11.
Found on the *Pulmonaria* and *Cardamine*.
- Atra.* Black, polished: base of the antennæ and legs pitchy.
Inhabits *Germany*: small.
- Euphorbiae.* Black; legs pale: hind-thighs dark brown.
Inhabits *Germany*, on the spurge.
Body slightly bronzed: *antennae* black, pale at the base.
- Haemi-*
sphaerica. Suberbicular, depressed, black.
Inhabits *Europe*, on the nut tree.
- Surinamensis* Yellowish; edges and band on the shells sanguineous.
Inhabits *Surinam*. *Degeer, Inf. 5. tab. 16. fig. 17.*
Antennae and legs pale.
- S. littera.* Pale; shells black with a longitudinal curved white line.
Inhabits *Surinam*. *Degeer, Inf. 5. tab. 16. fig. 21.*
- St. Crucis.* Green-blue; antennæ black, the first joint ferruginous.
Inhabits the Island *Santa Cruz*.
- Hortorum:* Pale testaceous: antennæ black.
Inhabits *South America*: very minute, polished.
- Chrysoce-*
phala. Black-blue; head and 4 fore-legs pale yellow.
Inhabits *Sweden*. *Scopol. Ent. Carn. 213.*
- Rusticata.* Black; antennæ legs and tips of the shells testaceous.
Inhabits *Europe*: shells lightly punctured.
- Pulicaria.* Black: shells with a ferruginous spot behind.
Inhabits *Europe*: size of a flea.
- Fuscicornis:* Oboval, blue: head thorax and legs rufous: antennæ brown.
Inhabits *Germany*. *Hornst. Natur. 8. tab. 1. fig. 10.*

- Lens.* Entirely blue-black: shells punctured.
Inhabits Upsal. Thunb. Aët. Ups. 4. p. 13. n. 22.
- Exclamationis.* Thorax black; shells black with 4 yellow spots in a line.
Inhabits Upsal. Thunb. Aët. Ups. 4. p. 14. n. 23.
- Flavipes.* Steel-blue: shells obscurely granulate: legs and first joints of the antennæ pale yellow.
Inhabits Berlin. Herbst, Arch. 4. p. 61. n. 53.
- Pedicularia.* Green-gold, granulate, beneath black: legs and antennæ brownish, the last joints black.
Inhabits Berlin. Herbst, Arch. 4. p. 61. n. 54.
- Minima.* Greenish-black: shells lightly punctured: antennæ brown above, black towards the end.
Inhabits Berlin. Herbst, Arch. 4. p. 61. n. 55.
- Tamaricis.* Head black: thorax yellow with a black spot on the disk: shells glabrous, brownish-black.
Inhabits Austria. Herbst, Arch. 7. tab. 45. fig. 6. g, h.
- Fimbriata.* Head thorax and shells pale testaceous surrounded with a black line: thorax with 4 dots: thighs rufous.
Inhabits America. Forst. nov. Inf. p. 25. n. 25.
- Hudsonias.* Black, rather oblong: antennæ ferruginous at the base.
Inhabits America. Forst. Nov. Inf. p. 26. n. 26.
- A-notata.* Black; base of the antennæ yellowish.
Inhabits Denmark. Pontopp. Dæn. p. 204. tab. 16.
- Pusilla.* Black; antennæ and legs pale.
Inhabits Denmark. Mull. Zool. Dan. p. 84. n. 923.
- Luteola.* Pale yellow: eyes breast and tip of the antennæ black.
Inhabits Denmark. Mull. Zool. Dan. 84. n. 924.
- Flavcola.* Black; thorax and head rufous: shells antennæ and legs pale yellow.
Inhabits Denmark. Mull. Zool. Dan. 84. n. 925.
- Latiuscula.* Black-brown: shanks and tarsi pale yellow.
Inhabits Denmark. Mull. Zool. Dan. 84. n. 926.
- Caerulefcens.* Green-blue, polished: thorax smooth: antennæ and legs rufous: hind-thighs black.
Inhabits Europe. Degeer, Inf. 5. p. 346. n. 53.

- Cyanopicta*. Thorax punctured greenish-blue: shells violet striate punctured: legs rufous.
Inhabits Europe. Degeer, *Inf.* 5. p. 344. n. 50.
- Striata*. Blue; head thorax antennæ and legs rufous: shells striate.
Inhabits Europe. Degeer, *Inf.* p. 343. n. 48.
- Ferruginea*. Ferruginous; eyes black.
Scopol. Ent. Carn. n. 216.
Abdomen sometimes black.
- Truncata*. Black; shells truncate ferruginous at the tip: antennæ and legs rufous,
Scopol. Ent. Carn. n. 218.
- Versicolor*. Black; shells brassy-black striate: thorax red.
Inhabits France. Geoff. *Inf.* 1. tab. 4. fig. 4.
- Ovalis*. Black bronzed: legs black.
Inhabits France. Geoffr. *Inf.* 1. p. 246. n. 5.
- Cruciferarum*. Black bronzed, oblong: legs black.
Inhabits France. Geoffr. *Inf.* 1. p. 246. n. 6.
- Ochropus*. Black; legs rufous: shells not striate.
Inhabits France. Geoffr. *Inf.* 1. p. 246. n. 7.
- Denigrata*. Black; thorax and shells yellow: mouth black.
Inhabits France. Geoffr. 1. p. 248. n. 10.
- Lævigata*. Blue; shells with scattered punctures: shanks ferruginous.
Geoffr. *Inf.* 1. p. 249. n. 12.
- Picipes*. Green bronzed, punctured: legs pitchy: shells tawny, black towards the future.
Inhabits Europe. Mus. Lesh. p. 16. n. 324.
- Concolor*. Brown bronzed: shells striate: antennæ and legs rufous: hind-thighs brown bronzed.
Inhabits Europe. Mus. Lesh. p. 16. n. 325.
- Crenata*. Black; shells brassy: base of the antennæ and shanks pitchy.
Inhabits Europe. Mus. Lesh. p. 16. n. 331.

Discolor. Head and thorax black: shells brown testaceous glabrous:
4 fore-legs and hind-thanks subtestaceous.
Inhabits *Europe*. *Mus. Lesk.* p. 16. n. 332.

Annulata. Brown bronzed: shells striate crenate: base of the antennæ
and 4 fore-thanks rufous, the latter with a brassy-
brown ring.
Inhabits *Europe*. *Mus. Lesk.* p. 16. n. 333.

21. **CRYPTOCEPHALUS.** *Antennæ* fili-
form: *feelers* 4: *thorax* margined: *shells*
immarginate: *body* somewhat cylindri-
cal.

A. *Feelers* equal filiform.

a. *Jaw* 1-toothed.

† *Lip* entire, cylindrical.

Longipes. Black dusky: shells pale with 3 black spots: fore-legs
long.
Inhabits *Germany*. *Scheff. Icon.* tab. 6. fig. 3.
Antennæ short ferrate black: *dots* on the shells, 1 at the base and
2 in the middle.

3-punctatus. Blackish-blue: shells testaceous with 3 black dots: fore-legs
long.
Inhabits *Italy*: less than the last.
Dots on the shells 1, 2.

Salicis. Black, polished: shells red with 3 black dots.
Inhabits *Saxony*.
Shells sometimes testaceous; dots 1, 2.

6-notatus. Black; shells testaceous with 2 black dots and a black line
behind.
Inhabits *Barbary*: small.
Thorax polished immaculate: *shells* smooth, the future faintly
black.

6 maculatus. Black; thorax red immaculate: shells red with 3 black dots.
Inhabits *Italy*.
Antennæ ferrate, *shells* glabrous with a dot at the base and 2 in
the middle.

- *4-punctatus.* Black; shells reddish-yellow with 2 black dots: antennæ ferrate.
Donovan's Eng. Insects. iv, plate 3, fig. 1, 2.
 Inhabits *Europe*, on the Nut tree.
Larva contained in an oval rough follicle, obliquely truncate behind.
- 4-notatus.* Blue-black; shells red with 2 blue spots: antennæ short.
 Inhabits *Barbary*; legs black.
- Lætus.* Green bronzed: shells testaceous with 2 black dots.
 Inhabits *Saxony*.
Antennæ testaceous tip with brown: *thorax* brassy polished edged with testaceous: *body* blackish: *tail* testaceous: *legs* brassy: *shanks* testaceous.
- Atraphaxidis.* Black; thorax red with 3 black spots: shells testaceous with 3 black spots: shanks rufous.
 Inhabits *Siberia*; on the *Atraphaxis*.
Antennæ ferrate cinereous; hinder spot on the *shells* transverse: *abdomen* villous.
- Lunulatus.* Black, polished; shells yellow with a black lunule band and dot at the tip.
 In the museum of Sir JOSEPH BANKS.
Antennæ short ferrate: *body* black.
- 12-maculatus.* Black; thorax and shells red with each 4 black dots.
 Inhabits *the Cape of Good Hope*.
Antennæ short ferrate, reddish at the base: *thorax* rounded smooth: *shells* glabrous with 2 at the base, a large wide spot in the middle and a small dot at the tip.
- Obsitus.* Testaceous; antennæ and edge of the shells black.
 Inhabits *America*.
Antennæ ferrate, black: future and edge round the shells black: *abdomen* ashy-brown.
- Lineatus.* Reddish; thorax with 2 black spots: shells with 2 black lines.
 Inhabits *Brazil*.
Head black, *front* reddish: *antennæ* longer than the *thorax*, filiform black, reddish at the base: *scutel* and *legs* black: *thighs* rufous at the base.
- Tridentatus.* Blueish; shells testaceous with a black humeral dot.
 Inhabits *Europe*, *Schæff. Icon. tab. 77, fig. 5*.
Shells with a small blue dot at the base.

- Taxicornis*. Blue ; shells testaceous immaculate : antennæ ferrate.
Inhabits *Italy* ; very much resembles the last.
Antennæ much compressed, ferrate : *fore-legs* long.
- Venustus*. Grey-brown ; 2 spots on the thorax and edge yellow : shells yellow with 2 black fillets.
Inhabits *America*.
Antennæ rufous at the base and tip with black : *head* reddish : *orbits* yellow : *shells* striate, punctured, very light black at the edge.
- Gorteria*. Black, glabrous : thorax and shells with 4 yellowish dots.
Inhabits the *Cape of Good Hope*.
- 8-punctatus*. Black ; thorax rufous : shells testaceous with 4 black dots.
Inhabits the *Cape of Good Hope*.
Antennæ short ferrate : dots on the shells 2, 2, placed obliquely : *scutel* black : *legs* black : *thighs* testaceous.
- Maxillosus*. Head and thorax fulvous : shells yellow with a black dot at the base : *scutel*-black.
Inhabits the *Cape of Good Hope*.
Antennæ ferrate, black, fulvous at the base : *abdomen* covered with cinereous down : *legs* fulvous, the joints black.
- Auritus*. Black ; thorax with a yellow spot each side : *shanks* yellow.
Inhabits *Saxony*, on the Nut tree.
- Lentisci*. Blue ; shells sanguineous with blue rough spots.
Inhabits *Africa*, on the Lentiscus.
Antennæ ferrate, black : *head* and *thorax* blue covered with cinereous down : *body* blue.
- Didymus*. Rufous ; shells with 3 black spots, the fore-one double behind.
Inhabits *New Holland*.
Antennæ longer than the thorax, black, reddish at the base : *shells* striate punctured glabrous, the suture and hinder half of the margin black, the first spot oblong double behind, middle one round, that near the tip linear : *body* beneath rufous ; *breast* and joints of the *legs* black.
- 4-maculatus*. Rufous ; base of the head and 2 spots on the shells blue.
Inhabits *Saxony*. *Schæff Icon. tab. 6, fig. 67*.
Spots on the *shells* remote : *abdomen* cinereous.

Flavicollis. Black ; thorax fulvous with 6 black dots : shells pale with 2 dots.

Inhabits *Siberia*.

Head with a fulvous line between the antennæ and 2 fulvous dots each side : antennæ black, fulvous at the base : dots on the thorax disposed in a streak : legs rufous, the joins black.

Longimanus. Dull-brassy : shells testaceous with a black dot at the base.

Inhabits *Sweden*, on the *Trifolium montanum*.

Legs long in each sex.

Larva contained in a brown hairy pyriform follicle.

Lar. Rufous ; shells brown with a blue gloss ; fore-legs long.

Inhabits *South America*.

Antennæ dusky, pale : shells striate punctured.

Margina- Black bronzed ; shells yellow edged with black.
tus.

Inhabits *Germany*, on various plants.

Near the mouth a yellow dot.

Pubescens. Thorax and shells dull-brassy, pubescent

Inhabits *North America*.

Antennæ projecting, cinereous : scutell black.

Bipuncta- Black polished : shells red with 2 black dots : antennæ as
tus long as the body.

Inhabits *Europe*. Schæff. Icon. tab. 8, fig. 8.

Bimacula- Black opake : thorax fulvous : shells testaceous with 2 black
tus dots.

Inhabits *Italy* ; resembles the last.

Cordiger. Thorax variegated : shells red with 2 black dots.

Inhabits *Europe*. Schæff. Icon. tab. 30, fig. 1.

Middle spot on the thorax often heart-shaped.

Bothnicus. Black ; thorax with a longitudinal red line.

Inhabits *Sweden*. Herbst Arch. tab. 44, fig. 8.

Front with a square rufous spot : legs yellow.

Frenatus. Black ; head, thorax and legs rufous : thorax with 2 black dots.

Inhabits *Austria*.

Head rufous, the hind-margin black : shells faintly striate : thighs with a black ring.

Obscurus. Black, opake : hind-legs long.

Inhabits *Europe*, on plants.

- *Vitis.* Black, glabrous : thorax globular : shells rufous.
Inhabits *Europe*. *Schæff. Icon. tab. 86, fig. 6.*
Is very destructive to the vine.
- Plagioccephalus.* Black ; thorax and shells testaceous : head a little thick.
Inhabits *Southern France*.
Antennæ short ferrate black : *scutel* black.
- Coryli.* Black ; thorax and shells testaceous, the future black.
Inhabits *Europe*, on the Nut tree.
Thorax of the *male* black.
- Pallens.* Black covered with cinerous down : thorax and shells pale polished.
Inhabits *China*.
Head black ; front cinereous downy : *legs* black *shanks* pale.
- Variegatus.* Black ; abbreviated dorsal line and edges of the thorax red : shells testaceous.
Inhabits *Italy*.
Antennæ with a yellow dot between them : *shells* sometimes with a black dot or two.
- 3-fasciatus.* Above testaceous ; band on the thorax and 3 on the shells black.
Inhabits *China*.
Head black with a large frontal testaceous spot : *shells* striate punctured : *body* black.
- Ruficollis.* Black ; thorax rufous : shells testaceous : fore-legs long : thighs 1-toothed at the tip.
Inhabits *Italy* and *St. Hellens*.
Antennæ thick, much ferrate : *legs* testaceous, the fore-ones very long : *thighs* with a black line.
- Nigripes.* Head and thorax rufous : shells pale : legs tipt with black
Inhabits *America*.
Antennæ black, rufous at the base : *scutel* black : *shells* pale, the future and edge blackish : *abdomen* pale.
- 6-punctatus.* Black ; thorax variegated : shells red with 3 black dots.
Inhabits *Europe*. *Schæff Icon. tab. 30, fig. 3.*
- Flavescens.* Above yellowish : shells with 5 black dots, those at the margin more distinct.
Inhabits *Germany* ; size of the last.
Shells substriate : *body* black : *legs* pale.
- Cærulens.* Blue, polished : antennæ brown.
Inhabits equinoctial parts of *Africa*.
Antennæ short, ferrate.

Violaceus. Black-blue; antennæ and legs black: shells substriate.
Inhabits *Germany*, size of the last.
Antennæ black, not ferrate: shells opaque.

Cupreus. Coppery-red, polished; beneath blue.
Inhabits *Cayenne*; above polished, beneath dusky.

Rubrifrons. Blue, polished; front, band on the thorax and thighs red.
Antennæ brown, rufous at the base.

Calcaratus. Violet; head, thorax and toothed thighs rufous.
Inhabits *Sierra Leona*.
Mouth and antennæ black: thorax globular: shells striate: legs violet: thighs black at the base and tips.

Lobatus. Dull-blue; hind-shanks lobate at the tip.
Inhabits *Hungary*; middle-sized.
Antennæ black, testaceous at the base: hind-shanks with a small lamina at the base.

Rufipes. Blue or green, polished: legs rufous.
Inhabits the *Cape of Good Hope*.

Cyaneus. Blue; thorax and legs rufous.
Inhabits *France*. *Geoffr. Inf.* 1. 197, 4.

Cinctus. Head and thorax rufous: shells black with a rufous margin.
Inhabits *South America*.
Antennæ brown, rufous at the base: shells striate punctured: legs rufous, the joints black.

Bucephalus. Blue; mouth, edges of the thorax and legs red.
Inhabits *Saxony*, on the *Anthyllis vulneraria*.
One sex has the jaws forked, rufous and tipped with black.

Collaris. Blue, polished: sides of the thorax, tips of the shells and thighs red.
Inhabits *Siberia*.
Antennæ rufous at the base: body and legs black.

**Sericeus*. Blue-green: antennæ black.
Inhabits *Europe*. *Oliv. Inf.* 96. tab. 1. fig. 5.
Body sometimes entirely golden.

Nitens. Shining-green: mouth and legs testaceous.
Inhabits *Europe*; on the Nut tree.

Glabratus. Violet; thorax and shells brassy: antennæ brown.
Inhabits *Brazil*.
Head brassy; front grooved; antennæ ferruginous at the base: shells very smooth.

Vittatus.

- Vittatus*. Black ; margin and abbreviated streak on the shells yellow.
Inhabits *Europe*. *Schæff Icon. tab. 77, fig. 8.*
- Limbatus*. Ferruginous ; thorax rufous : future and edges of the shells blue polished.
Inhabits *Cayenne*.
- Nitidulus*. Thorax brassy polished : shells blue : head, base of the antennæ and legs yellow.
Inhabits Southern parts of *Russia*.
Head a little bronzed at the base : *antennæ* black, yellowish at the base : *shells* subpunctured : *body* black : *thighs* with a black line.
- Labiatus*. Black, polished : mouth, legs and base of the antennæ yellowish.
Inhabits *Europe*, on *Roses*.
- Flavilabris*. Violet, polished : mouth pubescent : antennæ and legs black.
Inhabits *Saxony*, on the *Birch*.
- Flavifrons*. Blue-black, polished ; front and legs black.
Inhabits *Germany*.
Antennæ as long as the body, black, yellow at the base : *shells* faintly striate.
- Hubneri*. Black ; head, shells at the tip and legs yellow.
Inhabits *Germany*.
Antennæ black, yellow at the base : hind-edge of the *head* black and running into a tooth in the middle : *shells* with crenate striæ : *body* black.
- **Bilineatus*. Black ; shells with 2 yellowish lines : legs ferruginous.
Inhabits *Europe* ; very small.
- Moræi*. Black ; shells with 2 yellow marginal spots.
Inhabits *Europe*. *Schæff Icon. tab. 30. fig. 7.*
- 8-guttatus*. Black ; shells with 4 yellow spots.
Inhabits *Saxony*, on the *Ash*.
Head black with a yellow spot on the front : *thorax* yellow on the fore-edge : *shells* punctured, the spots 1, 2, 1 : *legs* black, the fore-ones yellow.
- 15-guttatus*. Rufous ; thorax with 3, shells with 6 yellow spots.
Inhabits *Brazil*.
- 20-punctatus*. Thorax testaceous with a black marginal fillet : shells yellow with 10 black dots.
Inhabits *Europe*. *Herbst. Arch. tab. 23, fig. 26.*
Dots on the shells 2, 2, 1 : *head* testaceous, the hind-margin black : *legs* yellow : *hind-thighs* black.

- Hieroglyphicus*. Thorax yellow with 5 black dots, shells yellow with 10.
Inhabits *Italy*; resembles the last.
Head yellow with a black edge and frontal line: dots on the shells 2, 2, 1: body black: legs yellow: hind-shanks black.
- 12-notatus. Thorax fulvous with 2 black dots, shells testaceous with 5.
Inhabits *Germany*. *Crypt. 12-punctatus Fabric.*
Antennae black, fulvous at the base: head fulvous: eyes large black: shells striate, the dots 2, 2, 1: legs yellowish, black at the tips.
- Haemorrhoidalis*. Blue; tips of the shells and legs fulvous.
Inhabits *Paris*. *Schaeff. Icon. tab. 77, fig. 7.*
Base of the *antennae* fulvous.
- **Bipustulatus*. Black; shells with a rufous spot at the tip.
Herbst. Arch. tab. 44. fig. 6.
Found on the *Chrysanthemum coronarium*.
Shells striate.
- **Lineola*. Black; shells yellow or red, each with a black margin and fillet. *Hoppe. 35.*
Schaeff. Icon. tab. 77, fig. 8.
Shells with 10 punctured striae, of which 6 occupy the black fillet and 2 each side the fulvous part. *Hoppe* in his enumeration of *Insects round Erlang*, says this is the female of the last.
- Bifasciatus*. Rufous; thorax with 2 black spots: shells with 2 black bands.
Inhabits the hottest parts of *Africa*.
Head rufous; eyes brown: shells striate punctured.
- 4-pustulatus Black; shells smooth with 2 rufous spots.
Inhabits *Sweden*. Spots remote.
- Notatus*. Black; shells striate punctured with a testaceous band and dot at the tip.
Inhabits *America*.
- Histrion*. Black; thorax and shells varied with ferruginous: legs ferruginous, the joints black.
Inhabits *Italy*, size of *Cr. scopolii*.
Head black; orbits rufous: thorax black with ferruginous margin and 3 abbreviated lines: shells punctured, with ferruginous spots at the tip: hind-thighs with a brown band.
- Scopolii*. Black; thorax rufous: shells rufous with 2 blue bands: legs black.
Panz, Naturf. 24, 17, 23, tab. 1. fig. 23.
Inhabits *America* and *Southern Europe*.

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- Koenigii*. Rufous; shells with 2 bluish dots.
Inhabits *Tranquebar*. Legs rufous: *thighs* black.
- Paracenebis*. Shells yellow with a black line and 3 dots.
Inhabits *Europe*, on the Willow and Birch.
Thorax varied with black: *fore-legs* long.
- Hordei*. Brassy, polished: front coppery.
Inhabits *Barbary*, on the *Hordeum murinum*.
Antennæ ferrate black: *fore-legs* long.
- Concolor*. Brassy-green, polished: antennæ yellow at the base: front impressed.
Inhabits *Europe*; small: *legs* like the body.
- Pini*. Testaceous; shells pale, irregularly punctured, antennæ brown.
Inhabits *Sweden*, on fir trees.
- Reticulatus*. Thorax and shells white reticulate with testaceous.
Inhabits *Cayenne*.
Head testaceous; orbits white: breast black: abdomen and legs yellowish.
- Pusillus*. Thorax fulvous: shells striate, testaceous spotted with black.
Inhabits *Hamburg*; half the size of *Cr. pini*.
Head fulvous: antennæ pale: eyes black: shells with 2 dots at the base and a black band behind: body black: legs pale.
Spots on the shells sometimes confluent: sometimes wanting.
- Minor*. Thorax fulvous: shells testaceous immaculate striate.
Inhabits *Germany*: size of *Cr. pusilli*.
Antennæ testaceous tipped with brown: head fulvous, the hind margin inclining to black: body black: legs testaceous.
- Gracilis*. Black; head and thorax fulvous: shells with a white marginal line and base.
Inhabits *Paris*. Geoff. *Inf.* 1. 237. 11.
Antennæ black, rufous at the base: shells striate: legs rufous.
- Pygmaeus*. Black, polished: legs testaceous with a black future.
Inhabits *France*; very small.
Antennæ black, yellow at the base: head black; front yellow: thorax yellow at the lateral and fore margin: shells striate, with a black callous dot at the base: body black: legs yellow.

- Glaucocephalus*. Black, polished: head and legs yellow: thorax and shells on the fore-part edged with white.
Inhabits Halle. Schall. Aët. Hall. 1. p. 277.
- Biguttatus*. Black; head tips of the shells and legs yellow.
Inhabits Saxony. Herbst. Arch. tab. 44. fig. 6. i. k.
- Martinius*. Blue, polished: shells red.
Inhabits Malabar. Schaeff. Aët. Hall. 1. p. 278.
- Cassimilis*. Blue-black; head with 2 yellow spots: antennæ and fore-legs yellow.
Inhabits Berlin. Herbst. Arch. tab. 63. fig. 13.
- Ornatus*. Black; head with a 2-lobed fulvous spot: thorax with a yellow line and margin.
Herbst. Arch. Inf. 4. p. 63. n. 16. tab. 23. fig. 24.
- Peregrinus*. Black, glabrous: head thorax and shells blue.
Inhabits India. Herbst. Arch. tab. 23. fig. 25.
- Laticlavus*. Black; head thorax and shells rufous; suture and edge of the shells black: antennæ ferrate.
Inhabits America. Forst. Nov. Inf. p. 27. n. 27.
- Viridans*. Green; shells margined.
Inhabits Russia. Lepech. It. 1. tab. 20. fig. 6.
- 8-notatus*. Thorax and shells yellow, each with 4 black dots.
Inhabits Russia. Lepech. It. 2. tab. 11. fig. 19.
- 6-notatus*. Black; thorax edged with rufous: shells with 2 black dots and 4 spots.
Inhabits Russia. Lepech. It. 2. tab. 10. fig. 14.
- Mulleri*. Black, downy: shells with 2 red dots.
Inhabits Denmark. Mull. Zool. Dan. p. 58. n. 511.
- Musciformis*. Green-blue: thorax red with a blue spot: flanks ferruginous.
Inhabits France. Geoffr. Inf. 1. p. 197. n. 5.
- Vibex*. Black; shells striate red with a black border and 4 spots.
Inhabits France. Geoff. Inf. 1. p. 234. tab. 4. fig. 3.
- Livens*. Violet-blue: shells striate punctured: base of the antennæ and spot on the mouth pale.
Inhabits Europe. Geoffr. Inf. 1. p. 235. n. 8.
- Punctatus*.

- Punctatus*. Blue, with scattered punctures: fore-shanks ferruginous.
Inhabits *France*. *Geoffr. Inf.* 1. p. 236. n. 9.
- Parisinus*. Black, striate: legs rufous.
Inhabits *France*. *Geoffr. Inf.* 1. p. 236. n. 10.
- Erythropus*. Black, striate: thorax and legs red.
Inhabits *France*. *Geoffr. Inf.* 1. p. 236. n. 11.
- Fulvus*. Head and thorax fulvous: shells pale.
Inhabits *France*. *Geoff. Inf.* 1. p. 237. n. 12.
- Ferruginosus*. Black, polished: antennæ twice as long as the body: shells with a yellow spot at the tip.
Inhabits *Germany*. *Schranck, Naturg.* p. 64. 27.
- Multicolor*. Shells yellow with 2 scarlet bands.
Inhabits *Iava*. *Hornst. Natur.* 8. tab. 1. fig. 6.
Thorax red: abdomen tipped with black.
- Sumatranus*. Shells yellow with a chestnut spot in the middle.
Inhabits *Sumatra*. *Hornst. Natur.* tab. 1. fig. 4.
- Coffeae*. Thorax with a transverse groove: abdomen green: shells yellowish.
Hornst. Schr. berl. Naturf. 8, 1. tab. 1. fig. 7.
Inhabits *Bantam* in gardens where coffee is grown, the berries of which it exactly resembles in size, colour and appearance.
- Orientalis*. Yellow; thorax rufous with a transverse groove: shells black-blue.
Inhabits the *East*. *Hornst. Natur.* 8. tab. 1. fig. 3.
- Bataviensis*. Head thorax shells and legs livid.
Inhabits *Iava*. *Hornst, Naturf.* 8. tab. 1. fig. 12.
- Javanus*. Black; thorax and shells red, spotted with black: antennæ black, rufous at the base.
Inhabits *Iava*. *Hornst. Naturf.* tab. 1. fig. 2, 5, 8, 11.
- Cyanocephalus*. Head, margin of the thorax, shells, base and tip of the thighs violet: crown and thorax scarlet.
Inhabits out of *Europe*. *Mus. Lesc.* p. 15. n. 298. b.
- Flavifrons*. Black, polished: front, mouth, legs, base of the antennæ and edge of the shells yellowish.
Inhabits *Europe*. *Mus. Lesc.* p. 15. n. 306.

Fuscatus. Brown; head thorax and shells violet, the latter deeply punctured.

Inhabits *Europe*. *Mus. Lesk. p. 15. n. 310.*

Ochrocephalus. Black; head, antennæ and shells yellow, the latter with 4 black dots and 1 at the tip.

Inhabits *Europe*. *Mus. Lesk. p. 15. n. 312.*

Thorax yellow with 2 connected spots each side.

Suturalis. Black, glabrous: shells yellow with a black suture and fillet connected at the tip.

Inhabits *Europe*. *Mus. Lesk. p. 16. n. 314.*

Chrysopus. Black, glabrous: shells punctured striate: head tips of the shells and legs yellow.

Inhabits *Europe*. *Mus. Lesk. p. 16. n. 315.*

†† *Lip entire, palpigerous at the tip.* *Cebrio.*

Gigas. Villous, brown: shells abdomen and thighs testaceous.

Inhabits *France*. *Oliv. Inf. 31. tab. 1. fig. 1.*

Antennae ferrate: *thorax* ending in a tooth each side behind: shells sometimes brown.

Fuscus, Brown; shells striate.

Inhabits the *Cape of Good Hope*.

††† *Lip bifid; body oblong.* *Cistela.*

* *Cervinus*. Livid; legs brown.

Inhabits *Europe*. *Donovan's English Insects, iii. pl. 78. fig. 3, 4.*

Body covered over with very fine pairs.

* *Cinereus*. Livid; shells and legs brown.

The other sex of the former.

Lividus. Livid; antennæ brown.

Inhabits *Terra del fuego*.

Upper joints of the *antennae* livid: *thorax* and shells smooth.

Ceramboides Black; thorax narrowed before: shells striate testaceous.

Inhabits *Europe*. *Herbst. Arch. tab. 23. fig. 27.*

Thorax sometimes testaceous.

Lectura. Black; thorax square: shells striate testaceous.

Inhabits *Europe*. *Lesk. It. 1. tab. A. fig. 4.*

Testaceus.

- Testaceus*. Black; thorax shells and abdomen testaceous.
Inhabits *Barbary*, on the *Chrysanthemum*.
Thorax with 2 impressed dorsal dots.
- Picipes*. Black; thorax square: shells testaceous: base of the antennæ and shanks pitchy.
Inhabits *Denmark*, on plants,
Antennæ black at the top: *head* and *thorax* slightly downy *shells* lightly striate.
- **Sulphureus* Yellow: shells sulphureous.
Inhabits *Europe*. *Herbst. Arch. tab. 23 fig. 28*.
On umbelate flowers: *antennæ* brown.
- Bicolor*. Black; shells and legs sulphureous.
Inhabits *Germany*; size of the last.
- Rubricollis*. Black; thorax ferruginous: shells striate.
Inhabits *Southern Europe*, on the *Santoline*.
- Caerulea*. Black; shells striate, blueish.
Inhabits *Barbary*, on plants.
- Nigripennis*. Ferruginous; head and striate shells black.
Inhabits *Southern France*: breast blackish.
- Analís*. Reddish; antennæ spot on the shells and tail black.
Inhabits *Tranquebar*.
Shells with a large black spot at the base: sometimes 2, one at the tip and one at the base.
- Ruficornis*. Black; shells smooth: antennæ and legs ferruginous.
Inhabits *Germany*. shells hardly striate.
- Falvipes*. Black; shells striate: legs ferruginous.
Inhabits *Germany*; less than the last.
Antennæ brown, the first joint rufous: *abdomen* ferruginous: *tail* more dusky.
- Varians*. Grey; eyes black: shells substriate.
Inhabits *Saxony*, less than *C. Murinus*.
- **Murinus*. Black; striate shells and legs testaceous.
Inhabits *Europe*. *Herbst. Arch. tab. 23. fig. 29*.

Ferrugineus.

- Ferrugineus*. Testaceous; head and thorax brown: shells striate.
Inhabits *Germany*; nearly allied to the last.
Antennæ brown, ferruginous at the base: *thorax* with sometimes an obscure ferruginous blotch: *abdomen* and *legs* ferruginous.
- Thoracicus*. Brown; thorax and legs ferruginous: shells smooth.
Inhabits *Saxony*: size of *Cr. Murinus*
Antennæ brown, reddish at the base: *head* black: *thorax* smooth: *body* brown.
- Flavipes*. Black; shells dusky with a yellow spot at the base: base of the abdomen and legs yellow.
In the Museum of Sir JOSEPH BANKS.
Antennæ dull brown: shells substriate.
- Euonymi*. Testaceous; abdomen grey: shells smooth.
Inhabits *Germany*, on the *Euonymus*.
Antennæ testaceous tipped with brown.
- Humeralis*. Black; shells with a ferruginous dot at the base.
Inhabits *Saxony*: *body* subvillous: *shanks* testaceous.
- Nigrita*. Black; shells substriate: antennæ and legs the colour of the body,
Inhabits *Germany*. Size of *C. Analis*.
- Maurus*. Black; shells substriate: base of the antennæ and legs ferruginous.
Inhabits *Germany*: less than *Cr. fulvipes*.
Head black; *mouth* ferruginous: *thorax* downy.
- Pallipes*. Black, polished: base of the antennæ and legs pale.
Inhabits *Germany*: half the size of *Cr. fulvipes*.
Antennæ black, pale at the base: shells hardly punctured: *abdomen* sometimes black, sometimes ferruginous.
- Moric*. Black, opaque: legs testaceous.
Inhabits *Sweden*: small, narrow, oblong.
- **Angustatus*. Thorax and shells dull rufous, black in the middle.
Inhabits *England*: narrower than *Cr. murinus*.
Head black, *antennæ* brown: shells ferruginous with a black suture: *abdomen* ferruginous with a brown lateral and middle line: *legs* ferruginous.
- **Pallidus*. Pale; head, and tips of the shells brown.
Inhabits *England*. *Antennæ* brown: *legs* pale.
- Æruginus*. Yellow: head and breast black: shells green.
Inhabits *Africa*, on the flowers of the *Æschynomene*.
Antennæ greenish at the base, yellow in the middle, the last joint black: *thorax* and *abdomen* yellow.

- Festivus*. Ferruginous; shells blue-green with a ferruginous margin.
Inhabits the *Cape of Good Hope*.
Antennæ brown, ferruginous at the base: *head* rufous, black at the base: *thorax* glabrous subpunctured: *legs* black at the tip.
- Aulicus*. Black; *thorax* rufous; shells blue.
Inhabits the *Cape of Good Hope*.
Segments of the *abdomen* rufous at the edges.
- 1-vittata*. Testaceous: edges of the shells and fillet down the middle black.
Inhabits *Carolina*.
Body testaceous: *antennæ* ferrate black: *hind-thighs* thick, grooved within.
- Hirtus*. Hairy; *head* and *thorax* rufous: shells blue.
Inhabits the *Cape of Good Hope*.
Antennæ ferrate ferruginous, tip with brown: *thorax* hairy ferruginous with 2 black dorsal dots: *body* blue: *legs* rufous.
- Fuscifrons*. Pubescent, grey: *head* and *abdomen* brown.
Inhabits *Denmark*.
Antennæ ferruginous at the base: suture of the *shells* blackish: *body* dark: *legs* grey.
- 6-lineatus*. Ferruginous: shells yellow with 3 black lines.
In the museum of Sir Jos. BANKS.
Antennæ black, the first and 3 last joints ferruginous: *thorax* paler polished: *body* beneath ferruginous: *breast* and *joints* of the *legs* black.
- Lepturoides*. Dull brassy: *antennæ* and ends of the *legs* ferruginous.
Inhabits *Europe*. *Forst. nov. Inf.* 1, p. 30, n. 30.
- Alpinus*. Black, polished: shells chestnut wrinkled with a black suture.
Inhabits *Salzburg*. *Moll. Natur.* 1, p. 49.
- Betulae*. Black; *thorax* suborbicular hairy: shells brownish obscurely striate.
Inhabits *Berlin*. *Herbst. Arch. tab.* 23, fig. 31.
- Reppensis*. Black; *thorax* narrowed before dilated behind: smooth shells and *legs* brown.
Inhabits *Germany*. *Herbst. Arch. tab.* 23, fig. 32.
- Strigosus*. Reddish; *abdomen* black: *front* with 2, *thorax* 3, and shells with 4 black bands.
Sulz. Hist. Inf. tab. 3, fig. 16.

- Forsteri*. Subvillous, brown, with longitudinal interrupted blackish bands.
Inhabits *Europe*. *Schaeff. Icon. tab. 95, fig. 3.*
- Pustulatus*. Black oval: shells with a rufous waved spot.
Inhabits *Europe*. *Forst. Nov. Inf. 1, p. 13, n. 13.*
- Denigratus*. Entirely shining black.
Inhabits *Europe*. *Forst. nov. Inf. 1, p. 14, n. 14.*
- *4-fasciatus*. Oboval, black: shells striate.
Inhabits *England*. *Forst. Nov. Inf. 1, p. 15, n. 15.*
- Holosericus*. Oval, brown-green: shells with longitudinal interrupted bands.
Inhabits *Europe*. *Forst. Nov. Inf. 1, p. 16, n. 16.*
- Capucinus*. Ferruginous; head, thorax and shells brown, the latter with crenate striæ: antennæ and legs ferruginous.
Inhabits *Europe*. *Mus. Lesk. p. 16. n. 335.*
- Conspersus*. Above covered with yellowish dust, beneath sprinkled with silvery: antennæ brown: legs rusty-brown.
Inhabits *Europe*. *Mus. Lesk. p. 16. n. 337.*
- Sulphureus*. Brown; antennæ legs and shells sulphur: ends of the legs brown.
Inhabits *Europe*. *Mus. Lesk. p. 17. n. 338.*
- Truncatus*. Brown; shells smooth: antennæ and legs reddish-yellow: thorax truncate behind.
Inhabits *Europe*. *Mus. Lesk. p. 17. n. 339.*
- Brunneus*. Brown; abdomen dark brown: shells smooth.
Inhabits *Europe*. *Mus. Lesk. p. 17. n. 340.*
- Rufitarsis*. Oblong, head, body, antennæ and legs brassy-black and hairy: shells testaceous punctured: tarsi rufous.
Inhabits *Lusace*. *Lesk. It. tab. A. fig. 4.*
- b. *Jaw bifid: body oblong. Crioceris.*
- Bituberculatus*. Fulvous; shells pale with a fulvous edge all round.
Inhabits warm parts of *Africa*.
Scutel brown: *legs* fulvous. brown at the ends.
Shells with sometimes 2 fulvous tubercles near the tip.
- Bidentatus*. Yellow; shells black, reddish at the tip.
Inhabits æquinoctial *Africa*.
Shells with a small tubercle at the suture: *legs* black at the ends.

- Melanocephalus*. Rufous : head black : shells violet.
Inhabits *New Holland*.
Antennae black : *thorax* with 2 impressed dorsal dots : *scutellum* rufous :
legs black : *thighs* rufous.
- * *Cantharoides*. Violet ; head, thorax and legs rufous.
Inhabits *England*. *British Museum*.
Antennae brown, reddish at the base.
- 4-maculatus*. Pale ; 2 spots on the shells and abdomen black.
Inhabits the *Cape of Good Hope*.
Antennae brown : *thorax* with an impressed dorsal line : *body*
beneath pale : *abdomen* black.
- 6-guttatus*. Blackish, thorax pale : shells whitish with 6 black dots.
Inhabits the *Cape of Good Hope*.
Head black : *antennae* pale at the base : shells smooth, the dots
placed 2, 2, 2 : *breast* black : *abdomen* pale : *legs* black : *thighs*
pale at the base.
- Lunula*. Black ; thorax pale : lunule on the shells, edge, and 2 bands
pale.
Inhabits *Cayenne*.
Antennae pale, black in the middle : *body* black : *abdomen* and *legs*
pale.
- Pygmaeus*. Rufous ; head and abdomen black.
Inhabits *Cayenne* ; very small,
- Testaceus*. Black ; head, thorax, shells and legs testaceous.
Inhabits *East India*. *Antennae* testaceous.
- Ochreatus*. Testaceous ; breast and shanks black.
Inhabits *Guadeloupe* ; middle-sized.
Antennae testaceous, the last joint black : *scutellum* black : *abdomen*
testaceous ; *shanks* black.
- Ochraceus*. Testaceous ; dot on the thorax and abdomen black : tail ful-
vous.
Inhabits *India*. *Herbst. Arch. tab. 44. fig. 9.*
- Fulvipes*. Shining black ; base of the antennae and legs above fulvous.
Inhabits *Austria*. *Herbst. Arch. 7, p. 165, n. 17.*
- Lapponicus*. Black ; edge of the shells, antennae and legs yellow.
Inhabits *Lapland*, on the Birch.
Thorax rounded : *female* with a ferruginous fillet near the suture
of the shells.

- Fulvicollis*. Head and thorax fulvous: shells and legs testaceous.
Inhabits *France*; a little larger than the last.
Antennæ brown, the first joint rufous: *head* fulvous, the hind margin blackish: *thorax* glabrous smooth: *shells* smooth: *body* covered with an ash-coloured down.
- Minimus*. Black; thorax and shells pale immaculate.
Inhabits the *Cape of Good Hope*.
Head with a pale dot at the base: *shells* smooth.
- Rubricapillus*. Black; head and thorax ferruginous: shells green.
Inhabits the *Cape of Good Hope*.
Antennæ black: *head* dull ferruginous with a black dot at the base: *thorax* smooth with a black dot in the middle: *shells* smooth: *legs* black.
- 4-pustulatus*. Black; shells with 2 testaceous spots: thorax cylindrical.
Inhabits *Siam*; larger than *Cr. merdiger*.
Thorax with an impressed dot each side.
- Impressus*. Black; shells red: thorax cylindrical, subimpressed each side.
Inhabits *Siam*.
Shells with striate punctures: *legs* black: *thighs* subclavate.
- Nigrita*. Ferruginous; antennæ, breast and base of the abdomen black, thorax cylindrical impressed each side.
Inhabits *Germany*: resembles *Cr. merdiger*.
Head rufous; *eyes* black: *shells* slightly punctured: *legs* rufous.
- Retusus*. Thorax ferruginous impressed each side: shells testaceous with a black line at the base.
Inhabits *Guadeloupe*; size of the next.
Antennæ black, ferruginous at the tip: *head* black: shells striate punctured, the suture black: *breast* black: *abdomen* and *legs* rufous.
- **Merdiger*. Above red; thorax cylindrical, impressed each side.
Inhabits *Europe*. *Schæff. Icon. tab. 4, fig. 4*.
- *12-punctatus. Thorax cylindrical: red; shells with 6 black dots.
Schæff. Icon. tab. 4, fig. 5. Frish. 13, tab. 28.
Inhabits *Europe*, on the leaves of *Asparagus*.
- *14-punctatus. Thorax cylindrical fulvous with 5 black dots; shells yellow with 7.
Inhabits *Germany*.
Head fulvous: *mouth, antennæ* and dot on the crown black: dots on the *thorax* 4, 1; those on the shells 1, 2, 2, 1, 1: *abdomen* and *thighs* fulvous.

Nigro-fasciatus. Thorax cylindrical, rufous: shells yellow with 2 black bands.

Inhabits *Cayenne*:

Head black; antennæ rufous at the tip: shells striate punctured: breast black: abdomen and legs yellowish.

5-pustulatus. Black; thorax rufous: shells yellowish with 5 black spots. Inhabits *Germany*.

Thorax gibbous: shells glabrous smooth with a dot at the base and tip and a common spot in the middle.

Ebræus. Yellowish: thorax rufous: shells white with 5 black spots. Inhabits *Cayenne*.

Head testaceous; mouth and eyes black: antennæ subferruginous: legs white.

Præcusus. Thorax cylindrical, rufous: shells tipped with black.

Thorax with a transverse impressed line in the middle: legs rufous: wings dusky.

Unifasciatus. Thorax cylindrical: rufous; shells with a black band. Inhabits *New Holland*.

Bifasciatus. Thorax cylindrical: rufous; shells with 2 black bands. Inhabits *New Holland*.

Antennæ black rufous at the base: legs rufous, black at the end

Nigripes. Thorax cylindrical: yellow; antennæ, breast and legs black. Inhabits *New Holland*.

Antennæ black: thorax impressed each side.

Grisceus. Pale; head and thighs ferruginous: antennæ and shanks black.

Inhabits the *Cape of Good Hope*.

Head ferruginous: antennæ black: shells smooth: body pale varied with black: legs black; thighs rufous.

Oculatus. Thorax cylindrical: yellow; shells black at the base with a yellow dot.

Inhabits *New Holland*.

Antennæ yellow, as long as the body: shells lightly striate: breast black: thighs black.

Bioculatus. Testaceous; thorax immaculate: shells with 2 ocellate white spots.

Inhabits the *Cape of good Hope*.

Antennæ black, ferruginous at the base: shanks brown,

Pallescent. Thorax subcylindrical: pale; antennæ black.

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Antennæ long: legs pale.

Fuscatus.

- Fucatus*. Blue; shells yellow with 2 blue spots.
Inhabits *St. Bartholemeu's Island*.
Head brown: antennae yellow: body blue: abdomen yellow: legs dusky: thighs blue.
- Aulicus*. Green bronzed, polished: shells testaceous with 2 blue spots.
Melyris aulicus. *Oliv. Inf. 2. tab. 1. fig. 4.*
Inhabits the *Cape of Good Hope*.
Antennae brown: mouth testaceous: hinder spot on the shells larger: legs testaceous; thighs bronzed.
- *Cyanella*. Blue; thorax cylindric, gibbous at the sides.
Inhabits *Europe*. *Herbst. Arch. tab. 23. fig. 34.*
- *Melanopus*. Blue; thorax and legs rufous.
Inhabits *Europe*. *Sulz. Inf. 3. tab. 3. fig. 19.*
- Flavipes*. Black; thorax and legs yellow.
Inhabits *Germany*; resembles *Cr. Melanopus*.
- *Subspinosus*. Oblong, black: head thorax and legs rufous: thorax spinous.
Inhabits *Europe*, on the birch tree.
Antennae black, rufous at the base: thorax subpunctured: shells punctured; abdomen black.
- Romani*. Black, polished: base of the antennae and legs yellow.
Inhabits *Germany*, on shrubs.
Antennae black, yellowish at the base.
- Cyanocephalus*. Blue; thorax rufous: antennae and legs brown.
Inhabits *New Holland*. Thorax flat.
- *Asparagi*. Thorax red with 2 black dots: shells dark green with 6 yellow spots.
Donovan's Eng. Insects, i. plate 28.
Inhabits *Europe*, on the *Asparagus*.
Head antennae and body dark green: tarsi brown.
- Violaceus*. Black-violet: shells striate.
Inhabits *Paris*: body oblong flat.
- *Phellandrii*. Black; edge of the thorax and 2 lines on the shells black,
Degeer, Inf. 5. 324. 25. tab. 9. fig. 34.
Found on the roots of the *Phellandrium aquaticum*.

Campestris. Blueish-black; thorax with a rufous border: shells with 3 dots, the hind ones connected by the yellow margin.
Inhabits *Southern Europe*. *Shæff. Icon. tab. 52. fig. 9, 10.*
Head and antennae black shells striate punctured: thorax sometimes entirely rufous.

Elongatus. Long, black: shells with a yellow fillet.
Inhabits the *Cape of good hope*.
Body with a greenish gloss.

Equestris. Head and thorax testaceous: shells reddish-brown, with a yellow margin line at the base and band in the middle.
Inhabits *Cayenne*.
Antennae and legs yellowish: body black.

Trilineatus. Pale; thorax with 3 black spots, shells 3 abbreviated stripes.
Inhabits the *Cape of good Hope*.
Mouth and base of the antennae pale: breast and ends of the legs black.

Vittatus. Thorax rufous: shells yellow with a black fillet.
Inhabits *Carolina*. *Peter. Gazoph. tab. 17. fig. 11.*
Head black: antennae pale at the base: thorax rounded glabrous: abdomen black: legs yellowish, the joints black.

Innubus. Black; thorax ferruginous: margin and fillet at the suture of the shells yellow.
Inhabits *American Islands*.
Antennae ferruginous: shells striate: body black: legs ferruginous.

4-maculatus. Thorax rufous: shells testaceous with 2 black spots.
Inhabits *Southern parts of Germany*
Head black: antennae testaceous: abdomen black: breast and legs testaceous.

** Cratægi*. Red; shells with a black longitudinal line and dot.
Inhabits *England*, on the *Cratægus*: beneath black.
Forst. nov. Inf. 1. p. 28. n. 28.

Trifurcatus. Black; thorax and shells pale: edge and suture of the shells, trident and 8 dots black.
Inhabits *America*. *Forst. Nov. Inf. 1. p. 29. n. 29.*

Parvus. Brown; head 2-spotted: antennæ fulvous at the base.
Inhabits *Berlin*. *Herbst. Arch. 4. p. 66. n. 4.*

Pallescens.

- Pallascens*. Pale; head black: antennæ yellowish.
Inhabits *Berlin*. *Herbst, Arch. p. 66. n. 5.*
- Erythropus*. Entirely red: thighs black at the end.
Inhabits *Berlin*. *Herbst, Arch. p. 67. n. 8.*
- Berolinensis*. Head and thorax scarlet glabrous: granulate shells and eyes black.
Inhabits *Berlin*. *Herbst, Arch. p. 67. n. 12.*
- Tristis*. Black; shells blue, striate punctured: legs fulvous.
Inhabits *Austria*. *Herbst, Arch. p. 165. n. 18.*
- Nigricans*. Black; thorax and legs red.
Inhabits *France*. *Geoffr. Inf. tab. 4. fig. 2.*
- Æruginosus*. Pale; head and breast black: shells green polished.
Inhabits *Denmark*. *Mull. Zool. p. 84. n. 913.*
- Erythromelas*. Black; legs rufous.
Inhabits *France*. *Geoffr. Inf. 1. p. 231. n. 2.*
- Aquaticus*. Black; thorax spotted: edge and broad suture of the shells and legs yellow.
Inhabits *Denmark*. *Mull. Zool. p. 83. n. 908.*
- Striatus*. Black; head above, shells and tip of the abdomen whitish.
Inhabits *Europe*. *Scheff. Icon. tab. 89. fig. 6.*
- Russicus*. Green; shells yellow: fore-legs longer,
Inhabits *Russia*. *Lepech. It. tab. 16. fig. 10.*
- Lusitanicus*. Testaceous; head breast and legs black.
Inhabits *Lusitania*.
- Tricolor*. Black; thorax cylindrical, gibbous at the sides: head suture and edges of the shells ferruginous: shells testaceous: legs antennæ and feelers reddish-yellow
Inhabits *Europe*. *Mus. Lesh. p. 17. n. 354.*
- Melanophthalmus*. Thorax cylindrical, gibbous at the sides, reddish-yellow: head rufous, behind black: shells covered with rufous dust, abdomen with silvery.
Inhabits *Europe*. *Mus. Lesh. p. 17. n. 355.*

Gibbus. Thorax cylindrical, gibbous at the sides: head, thorax and legs reddish-yellow: shells black, deeply punctured.
Inhabits *Europe*. *Mus. Lesh. p. 17. n. 356*.

Fuliginosus. Black; thorax and legs rufous: shells faintly punctured.
Inhabits *Europe*. *Mus. Lesh. p. 17. n. 357*.

Ochropus. Black; shells brown: thorax, base of the antennæ and legs yellow: thighs brown at the base.
Inhabits *Europe*. *Mus. Lesh. p. 17. n. 358*.

B. *Feelers unequal; fore-ones hatchet-shaped*.

a. *Lip horny*. *Erotylus*.

Giganteus. Oval, black; shells with numerous fulvous dots.
Inhabits *India*. *Oliv. Inf. 89. tab. 1. fig. 6*.

Reticulatus. Black; shells yellow reticulate with black.
Inhabits *Brazil*; large round.

6-fasciatus. Oval, black: shells with 6 waved fulvous bands, the fore one interrupted.
Inhabits *South America*; large:
Thorax with 2 dorsal impressed dots.

Histrio. Black; shells barred with black and yellow, a scarlet spot at the base and tip.
Inhabits *Cayenne*; large.
Shells punctured, with 3 yellow bands spotted with black.

Lugubris. Testaceous; antennæ and shanks black.
Inhabits *America*: body gibbous.

Gibbosus. Black; shells yellowish dotted with black, and a black band in the middle and behind.
Inhabits *America*. *Oliv. Inf. 89. tab. 1. fig. 4*.
Large; thorax with an impressed dot each side: shells very gibbous.

Noratus. Black; shells with a yellow band in the middle spotted with black, and marked with red at the base.
Inhabits *Cayenne*. *Oliv. Inf. 89. tab. 1. fig. 11*.
Shells with 2 approximate red dots at the base; edge of the band ferrate.

Concatenatus. Black; shells reticulate with yellow and black; and with 2 black bands.
Inhabits——Body large, black.

- 5-punctatus* Oval; shells black with 5 red dots.
Inhabits *America*. *Oliv. Inf.* 89. *tab.* 1. *fig.* 5.
Spots on the *shells* rarely white.
- Punctatissimus*. Black; shells yellow with numerous black dots.
Inhabits *America*, *Gibbous*, beneath pitchy.
- Varius*. Black; shells punctured, spotted with fulvous in the middle
Inhabits *Surinam*. *Oliv. Inf.* 89. *tab.* 1. *fig.* 7.
Thorax with rough dots.
- Gemmatius*. Black; shells with numerous fulvous dots: thorax variegated.
Inhabits *Cayenne*: middle sized.
Dots on the *shells* disposed in rows.
- Macrocheilos*. Black; shells with alternate black and yellow bands: fore-legs very long.
Inhabits *India*.
Thorax with 2 impressed dots: *shells* with 5 waved black bands and 4 yellow ones.
- Abdominalis* Black; shells yellow with 4 waved black bands and a distinct black dot.
Inhabits *Brasil*: size of *Cr. fasciatus*.
Abdomen yellow with 2 lines of black dots.
- Fasciatus*. Black; shells with 3 yellowish bands.
Shells alternately banded with black and yellow, a black one at the tip and a yellow one at the base.
- Zebra*. Yellowish; head, base of the thorax, 3 bands on the shells and legs black.
Inhabits *Cayenne*.
Scutel black: shells alternately banded with black and yellow, a black one at the tip and a yellow one at the base.
- Alternans*. Black; shells with 2 yellow bands, the anterior one dotted with black.
Oliver's Insects, 89. *tab.* 1. *fig.* 10.
- Surinamensis*. Black; shells red immaculate.
Inhabits *Surinam*. *Oliv. Inf.* 89. *tab.* 1. *fig.* 9.
- Morio*. Oblong, black, immaculate.
Inhabits *New Holland*.
Shells striate punctured, with a green gloss.

Limbatus.

- Limbatus*. Oblong, black: edge of the thorax and border of the shells yellow.
Inhabits *Cayenne*. *Oliv. Inf.* 89. *tab.* 2. *fig.* —
Head yellowish with a black frontal spot: *thorax* smooth with a broad sinuate lateral margin.
- Cupreus*. Oblong, black; thorax and shells coppery,
Inhabits *New Holland*. Shells striate punctured.
- Nebulosus*. Black; thorax and shells varied with ferruginous.
Inhabits *South America*.
Thorax glabrous, the very edge and 3 dorsal connected spots black: shells smooth black, with 3 waved ferruginous bands and a ferruginous dot at the tip, the band at the base dotted with black.
- Dilatatus*. Oblong, black: thorax and shells ferruginous.
Inhabits the *Cape of Good Hope*.
Antennæ brown, ferruginous at the base: shells smooth, much broader than the body.
- Smaragdulus*. Oblong, black: shells striate green.
Inhabits *New Holland*. Shells punctured.
- Amethystinus*. Oblong, black; thorax and shells blue.
Inhabits *New Holland*; resembles the last.
Front retuse: shells striate punctured: *thighs* often rufous.
- Bicolor*. Oblong, black: bronzed above.
Inhabits *New Holland*.
Antennæ black: shells striate punctured.
- Rufipes*. Oblong, black: legs pitchy.
Inhabits *Germany*; less than the last.
First joint of the *antennæ* ferruginous: shells striate: legs rufous, the joints black,
- b. *Lip membranaceous entire*. *Lagria*.
- Tuberculatus*. Oval, glabrous, black: shells tuberculate.
Inhabits *Cayenne*.
- Villosus*. Downy, black: thorax and shells green.
Inhabits the *Cape of good hope*.
- Pubescens*. Black, downy: thorax round with an impressed dot in the middle: shells testaceous.
Inhabits *Europe*.

- * *Hirtus*. Downy, black : thorax round : shells pale.
Tenebrio alatus. *Degeer Inf. tab. 2, fig. 23. 24.*
 Inhabits *Europe*, on the *Saponaria*.
- Abdominalis* Downy, blue : shells with 3 raised lines : abdomen rufous.
 Inhabits *India*. *Oliv. Inf. 21. tab. 1. fig. 7.*
 Thighs blue.
- Tomentosus*. Downy, blue : abdomen and thighs rufous.
 Inhabits *New Holland*.
Antennæ pale rufous tipt with brown : legs black, thighs rufous :
 shells sometimes brown.
- Obscurus*. Downy, coppery : shells black.
 Inhabits *Guinea*. *Antennæ* black.
- Iserti*. Glabrous, ferruginous : head and thorax more dusky ;
antennæ tipt with black.
 Inhabits *Guinea* ; size of the last.
Antennæ ferruginous tipt with black.
- Scutellaris*. Black covered with cinereous down : scutel white.
 Inhabits *Spain*. *VAHL*.
- Ater*. Hairy, black : *antennæ* ferrate.
Melyris Atra. *Oliv. Inf. 21. tab. 2. fig. 8.*
 Inhabits *Southern Europe*. on ears of wheat.
 The other sex has a strong sharp curved hook on the fore shanks.
- Niger*. Black, hairy ; shells smoothish.
Melyris Lineata. *Oliv. Inf. 21. tab. 1. fig. 6.*
 Inhabits *Brasil* ; head a little bronzed.
 Shells soft black, the outer edge, flexuous line at the base, suture
 and abbreviated line on the disk rufous : legs black.
- Flavipes*. Downy, Blackish : base of the *antennæ* and legs testaceous.
 Inhabits *Hamburg*.
Antennæ black, testaceous at the base : head inflected : shells a
 little greenish.
- Coeruleus*. Subvillous, blue : *antennæ* black.
Melyris Cyanea. *Oliv. Inf. 21. tab. 2. fig. 9.*
 Inhabits *Southern Europe*.
- Barbarus*. Hairy, dull brassy : *antennæ* ferrate.
 Inhabits *Barbary*, on composite flowers.
Antennæ and legs black.

Nigricornis.

INSECTS COLEOPTERA. 21. *Cryptocephalus*. 197

Nigricornis. Hairy, shining brassy: antennæ ferrate black: shanks testaceous.

Inhabits Sweden, very much resembles the last.

Minutus. Subvillous, black: thorax and shells blue.

Inhabits New Zealand: less than *Cr. cyaneus*.

Body black: shells sometimes greenish.

c. Lip membranaceous, widely emarginate. Dryops.

Femoratus. Livid; front and 2 spots on the thorax black.

Inhabits Switzerland. Oliv. Inf. 2.

Head livid with a large black spot between the antennæ: shells smooth immaculate: body brown: tail livid: hind-thighs thickened. with a large brown spot.

Aeneus. Dull brassy, immaculate.

Inhabits America. Oliv. Inf. 2.

Body large, oblong: antennae black.

Tabitiensis. Livid; eyes black.

Inhabits Otaheite. Oliv. Inf. 2.

Antennae as long as the body.

Pacificus. Livid; lines on the thorax and fillet on the shells brown.

Inhabits New Zealand. Oliv. Inf. 2.

Head with a brown frontal spot: thorax with 3 brown lines.

Fuscicornis. Blue; antennæ brown.

Inhabits New Zealand. Oliv. Inf. 2.

Tail with 2 strong sharp spines: hind-thighs thick, incurved.

Meridionalis. Rufous: shells brown, the edges and lines down the middle rufous.

Inhabits America. Oliv. Inf. 2.

Head black: antennae rufous: eyes blueish: legs black: thighs rufous.

Elegans. Rufous; broad stripe down the shells and tip of the abdomen brown.

Inhabits America.

Head and antennae rufous: eyes black: thorax rounded, immaculate: shells brown with a rufous margin.

Rufifrons. Blue; head and thorax rufous.

Inhabits North America.

Antennæ brown, reddish at the tip: eyes large black: shells striate: legs blue: fore-thighs rufous.

C. Feelers

C. *Feelers unequal, hind-ones hatchet-shaped.* Tillus.

* *Elongatus.* Black; thorax downy rufous.

Inhabits Europe. Oliv. Inf. 2. tab. 1. fig. 1.

Jaw bifid: antennæ ferrate

Ambulans. Black, glabrous: shells punctured.

Inhabits Germany, resembles the last.

Shells polished: antennæ ferrate.

Serraticornis. Black; shells testaceous.

Inhabits Paris. Oliv. Inf. 2. tab. 1. fig. 2?

Antennæ projecting, the 3 last joints ferrate: head and thorax downy rounded black.

22. HISPA. Antennæ cylindrical, approximate at the base and seated between the eyes: feelers fusiform: thorax and shells often spinous or toothed at the tip.

A. Lip horny, entire,

* *Atra.* Antennæ fusiform: thorax and shells spinous: body black.

Inhabits Europe. Barbut Gen. Inf. tab. 4.

Found generally at the roots of long grass.

Testacea. Antennæ fusiform: body testaceous: antennæ and eyes black.

Inhabits Africa. Spines on the thorax lateral, those on the shells scattered, all black.

Bipustulata. Antennæ ferrate: body hairy black: shells with a rufous spot at the base.

Inhabits Italy. Body with erect black hairs.

Spinipes. Rufous; shells black spotted with rufous: fore-shanks with a single spine.

Inhabits Surinam; larger than the rest.

Head rufous: antennæ black: shells striate punctured, black with numerous rufous dots.

Sanguini-

- Sanguinicolis.* Antennæ fusiform: thorax and base of the shells sanguineous: shells ferrate.
Inhabits *America*.
Shells ferrate at the tip with 3 elevated striæ, the spaces between punctured.
- Serrata.* Antennæ fusiform: body black: shells pale rufous, ferrate and black at the tip.
Inhabits *Surinam*.
Thorax black, rufous at the sides: shells striate.
- Cornuta.* Black; thorax spinous before and behind: shells with longitudinal raised lines.
Inhabits *Sweden*. Thunb. *Act. Ups.* 4. tab. 1. fig. 5.
- Scabra.* Black; thorax and shells with a ferrate fringe at the edge.
Inhabits *Sweden*. Thunb. *Act. Ups.* 4. tab. 1. fig. 6.
Antennæ of this and the last fusiform.
- Capensis.* Pitchy, hispid: thorax with a palmate spine.
Inhabits the *Cape*. Thunb. *Nov. Inf.* 3. fig. 76.
Body black or dull red.
- Dentata.* Antennæ fusiform: body black: edge of the thorax yellow: shells ferrate, with a yellow spot at the base and a band in the middle.
Inhabits *Cayenne*.
Shells ferrate, 2 of the teeth longer; grooved: breast and base of the abdomen yellow.
- Angulata.* Antennæ fusiform: body yellow: head, dorsal line on the thorax and sinuate edge of the shells black.
Inhabits *Cayenne*.
Head and antennæ black: shells grooved, truncate and toothed at the tip: body beneath ferruginous.
- Bihamata.* Unarmed, black spotted with red: shells truncate, hooked.
Inhabits *India*; oblong, depressed.
- Emarginata.* Antennæ fusiform; body black: shells with a rufous spot at the base, the tip 2-toothed.
Inhabits *Surinam*.
Head rufous: eyes globular black: antennæ black: shells with 3 raised lines, transversely grooved: body beneath palish: legs black: thighs pale at the base.

Serraticornis. Antennæ ferrate and compressed at the base: body black: edge of the thorax and spot on the base of the shells yellow.

Inhabits *Surinam*; resembles the last.

Head whitish: crown black: shells grooved, with a single raised line in the middle, 3-toothed at the tip, the middle tooth larger rounded serrate: breast and base of the thighs white.

Serratula. Brown; antennæ ferrate: shells striate.

Inhabits *Upsal Thunb. Act. Ups. 4. p. 5. n. 8.*

Bidens. Ferruginous; thorax with a black lateral line: shells 1-toothed at the tip.

Inhabits *Surinam*. Antennæ unknown.

Head ferruginous: eyes black: shells grooved, with a double row of dots between the grooves.

Nigricornis. Glabrous, scarlet: antennæ black.

Inhabits the *Cape of Good Hope*.

Sulcata. Scarlet; shells black with a scarlet line at the base and band in the middle.

Inhabits *Surinam*.

Eyes black: shells unarmed, punctured grooved.

B. Lip membranaceous, subemarginate. *Ptilinus*.

Mysticina. Antennæ pectinate: body testaceous dotted with white.

Inhabits *New Holland*. *Drury, Inf. tab. 48. fig. 7.*

Head black: jaws projecting: thorax cinereous: abdomen beneath with 2 lines of black dots each side.

* *Pectinicornis*. Antennæ pectinate: body brown: legs yellow.

Inhabits *Europe*. *Sulz. Inf. tab. 2. fig. 6.*

Antennæ yellow.

Flavescens. Antennæ pectinate: body black subvillous: shells yellow.

Drilus flavescens. *Oliv. Inf. 23. tab. 1.*

Inhabits *France*, on flowers.

Pectinata. Antennæ pectinate: body black: antennæ and legs yellow: shells striate.

Inhabits *Germany*, in wood.

Body black covered with a yellowish down:

* *Mutica*. Antennæ hairy: body black: shells striate.

Inhabits *Europe*, in museums.

C. Lip

C. *Lip membranaceous, entire.* Melasis.

* *Flabellicornis.* Antennæ pectinate: body black: shells with smooth striæ.
Inhabits *England*. *Oliv. Ins.* 30. tab. 1. fig. 1.
Body cylindrical: head globular: antennæ pectinate on one side:
thorax ending each side at the base in a strong sharp spine:
shells rough not distinctly striate.

Melasis. Antennæ pectinate: body blackish: shells with punctured
striæ.
Inhabits the *Cape of good Hope*.
Antennæ short, inflexed: body dusky, the edges of the shells
and abdomen pale rufous.

23. BRUCHUS. Antennæ filiform: feelers equal, filiform: lip pointed.

Spinosus. Grey; thorax and shells spinous.
Inhabits *Jamaica*; large.
Antennæ half as long as the body: thorax narrowed before, with
3 dorsal spines: shells nearly as long as the body with
scattered erect spines.

Nucleorum. Cinereous; shells striate: hind-thighs oval, toothed,
Inhabits *India*. *Herbst. Arch.* tab. 20. fig. 16.
Shells striate, slightly punctured: shanks striate incurved.

Bactris. Cinereous; shells smoothish: hind-thighs ovate: shanks
incurved.
Inhabits *India*, in kernels.
Antennæ ferrate: thighs unarmed: shells punctured substriate.

Umbellatarum. Scaly; above grey, beneath cinereous.
Inhabits *Barbary*, on umbellate flowers.
Body covered with small scales which disappear with age.

* *Pisi.* Shells black spotted with white: tail white with 2 black
dots.
Degeer's Insects, 4. tab. 16. fig. 3, 4.
Inhabits *America* and has lately been naturalized in *Europe*: is
very destructive to fields of peas.
Head and antennæ black: thighs slightly toothed.

Cacao. Body brown spotted with grey.
Found in the seeds of the *Theobroma*.

- Robinia*. Grey, polished: shells nearly as long as the abdomen.
In the seeds of the *Robinia pseudo-acacia*.
- Gibbosus*. Thorax gibbous coppery: shells black, with spinous tubercles.
Inhabits *North America*
Head retracted: antennae yellow: thorax tuberculate, with a caniculate gibbosity in the middle: shells obtuse behind: legs blackish.
- Clavbratus*. Black; thorax cancellate with whitish: shells varied with black and grey streaks.
Inhabits *Berlin*. *Herbst. Arch.* p. 158. n. 5.
- Theobromæ*. Shells grey spotted with black: legs rufous: scutel white.
Found in the seeds of the *Theobroma*.
Shells striate punctured; thorax lineate.
- Marginellus* Black; shells cinereous with 3 black spots connected at the margin.
Inhabits *Germany*.
Antennae projecting black: thorax with a small cinereous dot at the base: tail cinereous, prominent: legs black.
- Analus*. Subferruginous: shells tip with black: tail black with a white line at the tip.
Inhabits *East India*; small.
Head testaceous covered above with cinereous down: thorax ferruginous with a white spot at the base: shells striate.
- Bipunctatus*. Cinereous; shells brown with an ocellate black spot at the base.
Inhabits *Switzerland*. *Sulz. Inf. tab.* 4. fig. 2.
Spot on the shells with a yellow iris.
- 4-maculatus* Thorax black with a pale spot at the base: shells pale rufous with a black spot and tip.
Inhabits *Santa Cruz*; small.
Head black: antennae reddish at the base: shells striate: abdomen and legs reddish: tail black.
- Scutellaris*. Ferruginous; spot at the base of the thorax and scutel white.
Inhabits——; size of the last.
Head and thorax darker: shells striate.

- * *Granarius* Shells black speckled with white: hind-thighs 1-toothed,
Found in the seeds of various plants.
Antennæ testaceous at the base: future of the *thorax* white:
shells striate: *fore-shanks* testaceous.
- Cisti.* Black, immaculate: thighs unarmed.
In the flowers of the *Cistus helianthemus*.
- Suturalis.* Black; future of the shells yellowish.
Inhabits *Paris*; small.
Thorax with a projecting angle each side behind: *shells* smooth
with a yellowish future which is sometimes white or cinereous;
body covered with cinereous down: *legs* black: *fore-shanks*
sometimes testaceous.
- Abdominalis* Black; abdomen spotted with cinereous: fore-legs testaceous.
Inhabits *East India*; small.
Head and *thorax* black with cinereous down at the sides: *shells*
striate: 4 *fore-legs* testaceous.
- * *Seminarius* Black; base of the *antennæ* and fore-legs testaceous: thighs
unarmed.
Inhabits *England*, in flowers.
Head prominent: *antennæ* thick ferrate, appearing pedunculate:
thorax tapering before: *shells* striate: *legs* unarmed.
- Villosus.* Downy, cinereous immaculate.
Inhabits *Germany*; body velvety.
- Rufipes.* Black, dusky: *antennæ* and legs rufous: hind-thighs thick,
black.
Inhabits *Paris*, small. *Olivier's Insects*.
Antennæ yellow, the tip a little blackish: *abdomen* subvillous
with an obtuse small tooth each side at the tip: *legs* yellowish:
hind-thighs black.
- Maculatus.* Shells punctured, testaceous spotted with black: tail grey
with 2 black dots.
Inhabits *America*.
Antennæ ferrate testaceous: *thorax* spotted with dull brown:
shells striate punctured with 3 large dark brown spots.
- Mimosa.* Testaceous, immaculate: shells substriate: hind-thighs
sharply toothed.
Found in the seeds of the *Mimosa*.

Flavicollis. Antennæ pectinate, yellow: body black: legs testaceous.
Inhabits *Saxony*; small, ovate.
Shells smooth: legs unarmed, pitchy.

Serraticornis. Antennæ pectinate longer than the body: body grey spotted with brown.
Inhabits the *East*.
Antennæ as long as the body: thorax covered with cinereous down, 3-lobed behind: shells grooved.

Pesticornis. Antennæ pectinate longer than the body: body ferruginous
Schæff. Elem. tab. 86. fig. 1.
Found in seeds brought from *China*.

24. PAUSUS. Antennæ 2-jointed; the upper joint very large, inflected, hooked, pedicillate: head pointing forwards, with a convex jugular triangle: thorax narrow, unequal, scutellate: shells flexile, deflected, truncate: fore-feet placed at the fore-part of the breast, thighs with minute appendages, tarsi 4-jointed.

Microcephalus. Head unarmed; club an oblong sphere: shells as long as the body, not punctured: shanks linear.
Linæan Transactions, Vol. 4. p. 243. tab. 22.
Inhabits the *Bananas* and neighbouring Islands.
Body dark chesnut-brown and but little spining: head small: shield 2-parted: jugular triangle minute: pivots of the antennæ black, upper joint of the club much larger than the head: thorax broader than the head: wings sooty.

Sphærocerus. Head horned; club globular: shells shorter than the abdomen, punctured: shanks dilated at the tip.
Linæan Transactions, Vol. 4. p. 243. tab. 22.
Inhabits *Sierra Leona*: wanders about in the night time, during the months of *January* and *February*, and becomes blind or benumbed on the approach of light: the globes of the antennæ give a kind of phosphoric light in the dark.
Body polished, chesnut, a little narrower than the last: horn between the eyes straight, conic, tipped with a tuft of cartilaginous hairs: eyes larger: thorax the same breadth as the head: wings shining chargeable violet.

Ruber. Reddish: thorax jagged before.
Inhabits the *Cape of Good Hope*. *Herbst. Inf. 4. p. 101.*

Lineatus. Reddish; shells with a brown line.
Herbst. Syst. Inf. 4. p. 102. tab. 39. fig. 7. a. .b
Cerocoma lineata. Fabric, 1. 2. p. 82.
Inhabits the *Cape of Good Hope*.

Ruficollis. Black; thorax and streak on the shells ferruginous.
Cerocoma ruficollis. Fabric 1. 2. p. 83.

25. ZYGIA. *Antennæ* moniliform: *feelers* equal, filiform: *lip* elongated, membranaceous: *jaw* 1-toothed.

Oblonga. Zygia.
Inhabits the *East*, middle-sized, oblong, rufous.
Head and *shells* dull blue: *thorax* rounded, emarginate, punctured, carinate: *scutel* rounded: *shells* rugged, obtuse with 3 raised lines: *legs* unarmed rufous.

26. ZONITIS. *Antennæ* testaceous: *feelers* 4, filiform: *jaw* entire, longer than the *feelers*: *lip* emarginate.

Praeusta. Thorax unarmed: body testaceous: *antennæ* and tips of the shells black.
Inhabits *Italy*.
First joint of the *antennæ* testaceous: *head* inflected: *eyes* black: *breast* and *tarsi* black: *male* shells and abdomen black, *tail* rufous.

Pallida. Thorax unarmed: body pale testaceous: *antennæ* and tips of the legs black.
Inhabits *South American Islands*; large.
Eyes large black: *shells* immaculate.

Angulata. Thorax angular spinous: body testaceous: shells tipped with blue: *antennæ* and legs black.
Cantharis angulata. Hybn. Natur. 24. tab. 2. fig. 12.
Inhabits *Amsterdam Island*.
Mouth black: *shells* smooth, polished.

Mutica. Thorax unarmed: body black: thorax and shells testaceous.
Inhabits Hungary. *Hybn Naturf.* 24. tab. 2. fig. 11.
Shells flexile, smooth: body black.

Fulvipennis Thorax unarmed: body black: shells testaceous.
Inhabits ———— size of the proceeding ones.

Chrysomelina. Yellow; shells with a black dot in the middle.
Inhabits the East.
Head yellow: mouth, antennæ and eyes black: sutures of the shells black: tail reddish.

Flava. Pale rufous: shells yellow tipped with black.
Inhabits the East: less than the last.
Antennæ black, the first joint rufous: shells smooth with dark brown tips: abdomen blackish at the base: legs yellow.

Rostrata. Testaceous; breast and 3 dots on the shells black.
Inhabits Barbary: size of the preceding ones.
Jaw exerted, longer than the head: body testaceous: breast and base of the abdomen black.

27. APALUS. Antennæ filiform: feelers equal, filiform: jaw horny 1-toothed: lip membranaceous, truncate, entire.

Bimaculatus Black; shells testaceous with a black dot.
Meloe bimaculatus. *Degeer, Inf.* 5. tab. 1. fig. 18.
Inhabits sandy plains of Northern Europe.

4-maculatus Rufous; head and 2 spots on the shells black.
Inhabits North America.
Shells smooth, flexile: antennæ black: tail obtuse, black: legs black: thighs rufous.

28. BRENTUS. Antennæ moniliform, inserted beyond the middle of the snout: head projecting into a very long, straight, cylindrical snout.

A. Thighs simple.

Barbicornis.

Barbicornis Cylindrical; snout very long, bearded beneath: shells elongated, clavate.

Inhabits *New Zealand*. *Oliv. Inf. 84. tab. 1. fig. 5.*

Snout longer than the body: antennae shorter than the snout, placed near the tip: eyes globular, black: thorax cylindrical, caniculate, black with grey hairs: shells vaulted, striate punctured, black with 4 rufous spots: legs black with grey hairs.

Affimilis. Cylindrical; snout glabrous at the tip and black: shells subfasciate with ferruginous.

Inhabits *New Zealand*; half the size of the last.

Snout shorter than the body, rough as far as the middle with grey hairs, the tip glabrous polished: antennae pitchy tip with brown, 11 of the joints hairy: thorax black, caniculate, sprinkled with grey hairs: shells pointed, striate punctured, black with 4 rufous spots.

Menilis. Cylindrical, black: shells pointed, with a single stria.

Inhabits *New Holland*; less than the last.

Antennae as long as the thorax: snout caniculate between the eyes: thorax caniculate: legs black: thighs clavate, unarmed.

Brunneus. Oblong, chestnut: shells entire immaculate.

Inhabits *Senegal*. *Oliv. Inf. 84. tab. 1. fig. 3.*

Snout short cylindrical.

B. Thighs toothed.

Anchorago. Body linear: shells striate with yellow: snout longer than the antennæ.

Inhabits *East India*. *Oliv. Inf. 84. tab. 1. fig. 2.*

Volavulus. Body linear; shells truncate, striate with yellow: snout shorter than the antennæ.

Inhabits *Guadeloupe*. *Oliv. Inf. 84. tab. 1. fig. 4.*

Thorax long, narrowed before, very much caniculate on the back: shells striate with 3 abbreviated yellow lines, the middle one doubled, and 2 lesser ones at the outer margin: legs black.

Hastilis. Deep black; snout very thin, long, and a little curved at the tip: thorax narrowed in the middle: shells slightly grooved and pointed at the tip.

Inhabits———*Pall. Inf. Rufs. p. 25. n. 2.*

Body very long and narrow.

Nasutus.

Nasutus. All the thighs and fore-shanks toothed: thorax long brassy shells pointed.

Inhabits *Jamaica*. *Oliv. Inf.* 84. *tab.* 2. *fig.* 7.

Antennae as long as the head: *head* brassy-green: *snout* very long, depressed and thicker at the tip; *thorax* grooved shells plane, striate punctured, black with abbreviated ferruginous lines: *legs* black.

Dispar. Body linear, black: shells striate with red.

Inhabits *America*. *Oliv. Inf.* 84. *tab.* 1. *fig.* 1.

Thorax ovate, black, polished with an obsolete dull rufous spots each side: shells striate black with 4 obsolete spots.

Cylindricornis. Thorax rounded brassy-black: shells ferruginous substriated with yellow.

Inhabits *New Zealand*.

Snout dull ferruginous: *antennae* twice as long as the *thorax*, dull ferruginous, the joints cylindrical: *thorax* polished, not caniculate: shells obtuse, striate with numerous yellow lines.

Bifrons. Black; shells striate, with glabrous yellow spots.

Inhabits *Cayenne*.

In one sex the *snout* is cylindrical black, *antennae* short, *thorax* purplish with 3 black lines: in the other sex the *snout* is projected cylindrical, thickened at the tip with incurved jaws, *thorax* caniculate, black.

29. CURCULIO. *Antennae* clavate, seated on the snout, which is horny and prominent: *feelers* 4, filiform.

The *larvae* of this most splendid tribe have 6 scaly legs, and a scaly head: some of them infest granaries, eating their way into the grains of corn and leaving nothing but the husk; some dwell in other seeds, or are lodged in the inside of artichokes, thistles and various plants: and others devour the leaves of trees and herbs.

A. Jaw cylindrical, 1-toothed. Curculio.

a. Snout longer than the thorax; thighs unarmed.

Gigas.

Gigas.

Thorax and shells rough ; antennæ tip with white.

Inhabits Japan. Oliv. Inf. 83. tab. 12. fig. 146.

Snout cylindrical, long, arched, brown on the fore-part, cinereous behind : thorax rounded brown, rough with raised sharp dots : shells rough grey, with scattered brown and white dots : thighs rough.

Palmarum.

Black ; thorax plane above : shells abbreviated, striate.

Inhabits India. Oliv. Inf. 83. tab. 2. fig. 16.

Cruentatus.

Black ; lines on the thorax and 2 dots on the shells ferruginous.

Inhabits Carolina. Oliv. Inf. 33. tab. 12. fig. 147.

Snout a little compressed, arched, black : knob of the antennæ ferruginous : thorax with 2 bent sanguineous lines : shells abbreviated, striate, velvety : Shanks with a strong curved spine at the tip.

Longipes.

Blackish ; shells ferruginous : snout emarginate : fore-legs longer.

Inhabits the Cape. Oliv. Inf. 83. tab. 15. fig. 191.

Snout cylindrical, emarginate at the tip : knob of the antennæ truncate : thorax in one sex black, in the other rufous with a black spot, smooth : shells abbreviated striate : shanks incurved, the fore-ones hairy within.

Colossus.

Blackish : shells dull chestnut or cinereous : legs long.

Inhabits India. Oliv. Inf. 83. tab. 3. fig. 32.

Body large : shells in one sex brown, in the other cinereous : snout in one sex with 2 lines of raised tubercles : legs black.

Indus.

Black ; thorax subovate, excavate, punctured : shells with rugged grooves : shanks spinous.

Inhabits India. Degeer, Inf. 5. tab. 15. fig. 22.

Zanix.

Red ; thorax with a black line : snout cetaceous and very long.

Thunb. nov. Act. Ups. 4. tab. 1. fig. 7.

Inhabits the Cape of good Hope, on the *Cycas caffra*.*Exoticus.*

Grey ; thorax impressed at the base, with a short ridge on the back : shells gibbous behind with 10 rows of white dots, the interstices deeply punctured with black.

Inhabits beyond Europe. Mus. Lesh p. 18. n. 368.

Brachypterus.

Black ; thorax plane, punctured, with a raised line in the middle : shells abbreviated, substriate, the interstices punctured.

Inhabits Europe. Mus. Lesh. p. 18. n. 374.

- Undatus.* Black ; shells with a row of dots and undulate interrupted white bands.
Inhabits *Europe*. *Mus. Lesh.* p. 18. n. 379.
- Atomarius.* Brown ; shells striate, the interstices finely punctured, sprinkled with grey hairy specks : shanks rufous.
Inhabits *Europe*. *Mus. Lesh.* p. 18. n. 380.
- Coccineus.* Scarlet ; shells with 10 rows of punctures
Inhabits *Europe*. *Musk. Lesh.* p. 18. n. 381.
- Suturalis.* Grey ; shells striate, the future whitish spotted with black, a common black oblong spot near the tip, and the hinder outer-edges dotted with black.
Inhabits *Europe*. *Musk. Lesh.* p. 18. n. 384.
- Paganus.* Grey ; thorax brown on the back with cinereous curves : snout with 2 grooves.
Inhabits *India* ; twice the size of *C. pini*.
Snout thick, twice as long as the head : antennæ grey, black at the base : thorax grey at the sides. shells obtuse immaculate.
- Ferrugineus.* Dull purplish : shells abbreviated : middle pair of thighs ciliate.
Inhabits *Brasil*. *Oliv. Inf.* 83. tab. 2. fig. 16.
- Hemipterus.* Dull purplish ; shells abbreviated, spotted.
Inhabits *Cayenne*. *Oliv. Inf.* 83. tab. 1. fig. 4.
- Variegatus.* Varied with rufous and black : snout tipt with black.
Inhabits *the Cape*. *Oliv. Inf.* 83. tab. 13. fig. 158.
Snout cylindrical ferruginous tipt with black : thorax ferruginous with 3 black lines, the lateral ones abbreviated : Breast black with 3 ferruginous lines : shells striate with a few ferruginous lines : legs black ; thighs ferruginous with a black ring.
- Melanocardi-
us.* Cinereous ; shells with a common brown heart-shaped spot.
Inhabits *India*. *Sulz. Hist. Inf.* tab. 4. fig. 11.
Antennæ black.
- Limbatus.* Blackish ; edge of the thorax and shells rufous,
Inhabits *Senegal*. *Oliv. Inf.* 83. tab. 2. fig. 22.
Large ; Snout black : shells striate.
- Cruciatus.* Black ; thorax subspinous with lateral whitish lines : shells with a white cross behind.
Inhabits *New Spain*. *Oliv. Inf.* 83. fig. 131.
Head black with a cinereous band at the base : Snout cylindrical, inflected : thorax ovate with sharp elevated dots : shells with numerous sharp points, and a white line at the base : tip of thighs and base of the shanks with a white dot.

- Sanguinolentus*. Black : shells with a sanguineous band at the base.
Inhabits *Tobago*. *Oliv. Inf.* 83. *tab.* 10. *fig.* 116.
- Fasciatus*. Black ; shells striate with a sanguineous band in the middle.
Inhabits——*Oliv. Inf.* 83. *tab.* 11. *fig.* 136.
- Striatus*. Black ; shells with silky stripes.
Inhabits *Terra neuve*. *Oliv. Inf.* 83. *fig.* 140.
Snout ferruginous tip with black : *thorax* rounded, rough : *shells* black with raised silky striæ composed of alternate black and white dots : *legs* ferruginous.
- Rubetra*. Black ; antennæ grey at the tip : thighs grooved.
Inhabits *Cayenne*. *Oliv. Inf.* 83. *fig.* 104.
Shells very finely striate punctured.
- Gagates*. Black ; glabrous, polished : snout subcompressed.
Inhabits *Cayenne*. 3 times as small as the last.
- Badensis*. Black ; legs piceous.
Inhabits *Germany*. *Shells* obsoletely striate.
- Mendicus*. Ovate, cinereous ; shells striate.
Inhabits *Madagascar*. *Oliv. Inf.* 83. *tab.* 9. *fig.* 103.
- Pineti*. Black ; shells striate spotted with white.
Inhabits *Sweden*. *Paykul, Monogr.* 35. 33.
Shells striate with alternate black and white dots, the white ones larger.
- *Pini*. Shells reddish with clouded bands.
Inhabits *Europe*. *Oliv. Inf.* 83. *tab.* 4. *fig.* 42.
- Onopordi*. Blackish covered with cinereous down ; snout black with an abbreviated groove each side at the base.
Inhabits *Africa*. on the *Onopordon*.
Snout rather short, polished ; *thorax* and *shells* covered with cinereous scales.
- Ursus*. Rusty brown with white lines ; snout black with an abbreviated groove each side at the base.
Inhabits *Italy*.
Snout cylindrical : *thorax* with 5 white lines : *shells* smooth, the edge and line down the middle whitish.
- Jacca*. Black powdered with cinereous ; shells with a distinct spot at the base.
Found on the *Centaurea jacca*.
Snout very thick, cylindrical, black : *thorax* ovate.

- Planus.* Black ; immaculate ; snout cylindrical, shells striate.
Inhabits Germany. less than *C. jacea*.
Snout obtuse, but not thickened : antennæ, black, the club annulate with white : thorax dull black immaculate : shells a little spotted with cinereous at the tip.
- Punctulatus* Varied with yellow and brown ; abdomen cinereous dotted with black.
Inhabits America. less than *C. jacea*.
Body villous : antennæ black : legs cinereous.
- Ocularis.* Greenish-black : snout ferruginous ; orbits of the eyes snowy.
Inhabits Barbary : middle side.
Antennæ cinereous, the first joint longer and black : snout cylindrical, ferruginous, growing blacker with age : thorax and shells blackish, covered with green down.
- Cynaræ.* Black speckled with greenish : snout black, subcarinate.
Panz. Naturf 24. tab. 1. fig. 25.
Inhabits Africa, on heads of artichokes, snout with a raised line down the middle : thorax plane, rough, with a lateral greenish line : shells striate punctured : body beneath cinereous.
- Colon.* Grey ; shells with a white dot.
Inhabits Germany. *Oliv. Inf. 83. fig. 76.*
- Bimaculatus.* Brown ; shells with a cinereous dot.
Inhabits Saxony ; a little less than the last, snout incurved, black polished : thorax with a lateral cinereous line : shells smooth.
- Punctum.* Black shells striate, with a cinereous dot in the middle : antennæ and legs red.
Inhabits Saxony : half the size of the last.
- Scaber.* Cinereous ; legs rufous : shells rough.
Inhabits Europe. on nettles.
- Ruficollis.* Ferruginous ; shells and base of the head black-blue.
Inhabits Europe.
- * *Viscaria.* Roundish, cinereous : thorax and shells greenish-ash.
Found on the *Lychnis viscaria*.
- Bipunctatus* Cinereous ; shells with a black spot : shanks yellowish.
Inhabits Europe.

Biguttatus. Black ; shells with an elevated dot : abdomen and hind-legs yellow.

Inhabits *America*.

Thorax cylindrical : *shells* with a large raised globular dot, yellowish at the base : *fore-legs* long, black, the rest yellow.

Bilineatus. Brown ; shells with 2 lines of white dots.

Inhabits *Germany*.

Snout black : *thorax* black with 3 white lines : *shells* striate, with 2 lines composed of square white dots, one at the margin and the other at the suture.

Sordidus. Black, dusky, immaculate : shells striate.

Inhabits *South American Islands*.

Suillus. Dusky ; thorax rough : shells with hairy striæ.

Inhabits *South American Islands*.

Snout arched : *thorax* dull cinereous with raised dots : *shells* hairy striate.

Tessellatus. Cinereous ; shells with white striæ at the tip dotted with black.

Inhabits *Germany* ; middle-sized.

Head and *antennæ* brown.

Abbreviatus. Black ; thorax flat punctured : shells abbreviated, substriate.

Inhabits *Saxony*.

Antennæ black, with cinereous tips : *snout* incurved : *thorax* with a line in the middle a little raised.

Splendens. Black, polished : thorax flat, smooth : shells striate.

Inhabits the *South of France*.

Club of the *antennæ* pale, cinereous at the tip : *shells* striate as long as the body.

* *Equiseti*. Thorax smooth : shells muricate, black, the tip and 2 dots white.

Herbst, Arch. Inf. tab. 24. fig. 2.

Inhabits *England*, on the *Equisetum arvense*.

Snout black : *thorax* black, slightly tuberculate, the sides white : *shells* white at the tip and sides.

Dimidiatus. Black ; shells substriate, rufous.

Inhabits———*Oliv. Inf. 83. tab. 1. fig. 5.*

Bufoi. Brown; shells slightly reticulate with a white band in the middle.

Inhabits *Siberia*. *Oliv. Inf.* 83. fig. 118.

Snout long, inflected: *thorax* with 2 minute white dots: *scutellum* and *sides* whitish: *shells* brown with pale rufous down.

Atrirostris. Cinereous; snout arched, black.

Inhabits *Leipzig*. *Paykul. monogr.* 40. 37.

Brunnirostris. Grey; snout and legs ferruginous.

Inhabits *Denmark*, on plants.

Snout incurved, ferruginous, polished: *antennae* ferruginous, cinereous at the tip: *thorax* and *shells* grey.

Carexi. Snout and legs testaceous: thorax and shells buff-colour: belly black-ash.

Hoppe Enum. Insect. Erlang. p. 59.

Inhabits *Germany*, on the *Carex*.

Body oblong: *snout* arched, slender: *antennae* dull testaceous or nearly black.

Festivus. Brassy, polished: shells angular at the base: tip of the snout and antennæ brown.

Inhabits *Surinam*. *Snout* cylindrical: *legs* greenish.

Tragiae. Brassy; snout and legs nearly the same colour.

Inhabits *Brazil*. *Oliv. Inf.* 83. fig. 112.

Found in the seeds of the *Tragia volubilis*.

• *Aeneus.* Black; shells brassy.

Inhabits *England*; very small.

Curvirostris Black, polished: snout curved.

Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 115.

Aethiops. Black; antennæ and shanks piceous: shells oblong, striate.

Inhabits *Sweden*: size of *C. cerasi*.

Scirpi. Brown; shells substriate, speckled with ferruginous.

Inhabits *France*, on the *Scirpus*.

Antennæ and *legs* black.

• *Pruni.* Black; antennæ ferruginous: thorax with 2 tubercles: shells striate.

Found on the leaves of the *Cherry tree*.

- Armeniacae* Black, immaculate: shells with crenate striæ.
Inhabits *Keil*: size of the last.
- Camelus*: Brown; thorax and shells tuberculate: snout rufous at the tip.
Inhabits *Germany*, in gardens.
Club of the *antennæ* ferruginous: *thorax* with a few raised sharp tubercles: *shells* striate.
- 4-tuberculatus*. Thorax black with 4 tubercles.
Inhabits *Keil*. *Paykul. monogr.*, 71. 69.
Body cinereous: *hind-thighs* black.
- Teter*. Depressed, villous, brown: snout black.
Inhabits *Italy*; size of *C. campanulæ*.
Thorax plane: *shells* striate.
- * *Campanulæ*. Ovate, black: shells striate obtuse.
Found in the pericarps of the *Campanula rotundifolia*.
Paykul. monogr. 28. 27.
- * *Nigrirostris*. Green; snout black.
Inhabits *England*. *Herbst. Arch. tab.* 24. *fig.* 3.
Head brown: *snout* cylindrical, black, polished: *thorax* gibbous, rounded, green, with 2 dorsal brown lines: *shells* downy, immaculate: *legs* brown.
- Variabilis*. Subtestaceous; thorax with 3 green lines: snout brown at the tip.
Inhabits *Hamburg*, middle-sized.
Antennæ pale rufous, the club cinereous: *shells* covered with a greenish bran: *legs* rufous.
- Picrostris*. Oblong, black: silvery-silky: snout half way and legs piceous.
Inhabits *Germany*, on the heads of Trefoil.
Head and joints of the *legs* black.
- * *Salicariæ* Black; base of the *antennæ*, disk of the shells and shanks testaceous.
Inhabits *England* on the *Lythrus salicaria*.
Body small: *snout* striate: *shells* striate, edged with black: *legs* testaceous: *thighs* tipped with brown.
- Floralis*. Dull grey: shells with a pale future.
Inhabits *Sweden*, on flowers.
Head small: *snout* arched, black: *thorax* tuberculate: *shells* striate.

- Pseudacori.* Above black: sides of the thorax ferruginous: shells striate, the future white at the base.
Inhabits *France*, on the *Pseudacorus*.
Snout arched, black, ferruginous at the base: body cinereous; legs black.
- Castor.* Ovate; thorax tuberculate; shells striate, the future pale at the base: legs rufous.
Inhabits *Germany*, resembles *C. pericarpii*.
Thorax brown, paler at the sides: shells striate, sometimes variegated, sometimes dusky.
- * *Pericarpus.* Subglobular, clouded: future of the shells white at the base.
Found on the *Scrophularia*. *Herbst Arch. tab. 24. fig. 4.*
Body above dull brown, beneath cinereous.
- Quereicola.* Black; thorax tuberculate: shells striate, the future white at the base: legs black.
Inhabits *Sweden* on the oak.
- Assimilis.* Black; thorax 2-tubercled and caniculate: shells striate.
Inhabits *Sweden*, a little less than *C. pericarpus*.
- Sisymbrii.* Varied with white and brown: shells with a raised black dot at the base: snout black.
Inhabits *Germany*, on the *Sisymbrium amphibium*.
Small, thorax whitish with a brown spot, in which is a whitish dorsal line: antennæ brown.
- * *Capreae.* Shells with 2 waved white bands and a longitudinal ferruginous mark.
Donovan's English Insects, iv. plate 121. fig. 5, 6, 7.
Found on the *Salix Caprea*.
Small, black: thorax with a whitish line down the middle: shells striate: legs black.
- Bipunctatus.* Downy, cinereous: shells with a brown spot in the middle.
Inhabits *Sweden*; small.
Antennæ testaceous: shanks yellowish.
- Carpini.* Downy, greenish: snout black; legs testaceous.
Inhabits *Germany*, on the *Carpinus*.

* *Erysimi.*

- *Erysimi.* Black; thorax greenish, 2-tubercled: shells blue.
Inhabits Europe. Paykul. monogr. 76. 73.
Snout black; shells striate: legs black.
- *4-maculatus.* Blackish; shells with 4 whitish spots.
Inhabits Europe. Geoffr. Inf. 1, 187. 22.
- Unifasciatus* Above brown: shells with a cinereous band in the middle.
Inhabits Saxony: middle-sized.
Snout black: shells substriate, with a cinereous blotch in the middle: legs black: thighs whitish.
- Lythri.* Black; shells with a white abbreviated band in the middle and dot on the hind-part.
Found on the *Lythrum*. Paykul. Monogr. 74. 71.
Small, legs yellow, the joints black.
- Bifasciatus.* Black; shells with 2 cinereous bands, that at the base larger and waved.
Inhabits Germany.
Thorax rounded, black, with a paler dorsal line: scutellum cinereous: shells striate.
- *Acridulus.* Black; antennæ and legs piceous: abdomen ovate.
On Tetradyne flowers. Herbst, Arch. tab. 24. fig. 12.
Shells striate punctured.
- Scabratus.* Brown; thorax tuberculate: shells rough: legs pitchy.
Inhabits Germany; less than the next.
Snout black at the end: thorax caniculate in the middle at the base: shells striate and rough with raised dots.
- Elevatus.* Above black; thorax 2-tubercled, elevated at the fore-edge.
Curculio Alauda. Fabric. 1, 2. p. 411.
Inhabits Germany; size of *C. acridulus*.
Snout arched: thorax caniculate in the middle: shells ovate, striate: body cinereous.
- *Dorsalis.* Shells red with a black future half way down.
Oliv. Inf. 83. fig. 169.
Found on the common pile-wool: small; resembles *C. resinæ*: shanks yellow.
- Quercus.* Cinereous; back of the thorax brown: shells testaceous waved with cinereous.
Inhabits Germany and Sweden, on the oak.
Small, snout black: thorax with a paler line down the middle: shells striate, pale testaceous with 4—5 cinereous waved bands: legs testaceous.

- Suturalis.* Ovate, brown with a longitudinal white line.
Inhabits *Germany*, on the willow.
Small, *snout* arched, black: *thorax* brown with a dorsal white line: *shells* striate, gibbous, the suture white.
- Curt.* Black; thorax with 2 white dots at the base: shells with a white suture and scattered dots.
Inhabits *Hamburg*.
Snout incurved: *thorax* rounded: *shells* striate: *body* beneath whitish: *legs* black.
- Lemnae.* Black; *snout* flat at the tip: shells striate.
Inhabits *Germany*, on Duck-weed; very small.
Thorax punctured: shells striate.
- Exclamationis.* Black; shells with a white dot in the middle and small white line at the base.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 167.
- Venusus.* Brown; thorax and shells with white lines: legs testaceous.
Inhabits *England*; small.
Head brown with a white dorsal line: *antennæ* testaceous: *thorax* with 3 whitish lines: shells striate punctured with 2 whitish lines.
- Plantaginis.* Shells cinereous with a brown spot in the middle.
Inhabits *Saxony*, on the Plantain.
Snout black: *thorax* brown in the middle with a cinereous dorsal line: shells with a few brown dots.
- * *Rumicis.* Grey clouded with black: antennæ brown.
Inhabits *Europe*. *Degeer, Inf.* 5. tab. 7. fig. 10, 11.
- Nigricollis.* Grey; thorax black with cinereous lines: shells tessellate with black dots.
Inhabits *Germany*. *Curculio adhaesus. Fabric.*
Snout cylindrical, black: *thorax* with a lateral whitish line: shells dusky with pale lines, tessellate with numerous black dots and a larger common one at the tip.
- * *Granarius* Piceous; thorax punctured, as long as the shells.
Jobbot. Obs. Microsc. 1757. tab. 7. fig. 1.
This is the Insect called the *Weevil* or *Bond*, so very destructive in granaries where corn has been kept some time: it is destroyed by strewing boughs of Elder, Henbane or wood among the corn.

- Oryza*. Piceous; thorax punctured, as long as the shells: shells with 2 rufous dots.
Olivier's Insects. 83 fig. 81.
 Brought in grains of Rice from the *East*.
- Bituberculatus*. Ferruginous; thorax as long as the shells, with 2 dorsal elevated dots.
 Inhabits *New Zealand*. *Oliv. Inf.* 83. fig. 165.
 Shells striate punctured.
- * *Paraplecticus*. Cylindrical, subcinereous: shells mucronate.
 Inhabits *Europe*. *Oliv. Inf.* 83. fig. 106.
 The larva is found within the stalk of aquatic umbellate plants, and is said to occasion the staggers in horses.
- Anguinus*. Cylindrical, hoary with brown lines.
 Inhabits *Germany*. *Oliv. Inf.* 33. fig. 168.
- Striatellus*. Oblong, brown: shells cinereous substriate with brown.
 Inhabits *Barbary*, on plants.
 Club of the antennæ pointed, cinereous: thorax brown, the sides and a few lines whitish.
- Umbellatum*. Thorax black with cinereous lines: shells grey, mucronate.
 Inhabits *Barbary*, on umbellate flowers.
 Snout black, polished: thorax with 4 cinereous lines, the middle ones abbreviated.
- Mucronatus*. Cylindrical, cinereous with brown lines: shells mucronate.
 Inhabits plants of *Barbary*.
 Snout with a pale line each side and tip with black: antennæ short, inflected: thorax brown on the back with 2 cinereous lines, the sides black: body beneath white, with black dots.
- Ferrugatus*. Black, with ferruginous down: shells obtuse.
 Inhabits *Hungary*: snout cylindrical black.
- Gages*. Black, polished: shells striate, dusky: snout truncate.
 Inhabits *Guinea*; size of *C. paraplecticus*.
 Thorax flat, smooth: shells striate, a little abbreviated: legs black.
- 8-lineatus*. Cylindrical, black: thorax and shells with 4 white lines.
 Inhabits the *Cape of good Hope*. *Oliv. Inf.* 83. fig. 89.

Semipuncta- Cylindrical, black: thorax with white lines; shells with white dots.

Inhabits *New Holland*.. *Oliv. Inf.* 83. fig. 141.

Head black; orbits white: thorax caniculate, with 5 white lines: shells punctured, subtriangular, longer than the abdomen, a little pointed and sprinkled with white dots: body beneath whitish with a few black dots.

4-pustulatus Black; shells with 4 ferruginous spots.

Inhabits *Africa*. *Oliv. Inf.* 83. fig. 117.

Club of the antennæ whitish at the tip: snout cylindrical: thorax with a whitish marginal dot each side: shells striate, truncate.

Mixtus. Cylindrical, clouded with white and brown: shells a little pointed: club of the antennæ testaceous.

Inhabits *Barbary*, on plants.

Thorax mixed cinereous and brown and rough with black raised dots: shells slightly striate, and with the body mixed cinereous and brown.

Filiformis. Cylindrical, subcinereous: thorax with 3 brown lines.

Inhabits *Italy*, very small.

Snout brown; shells impunctured, obtuse.

Cylindricus. Above black: shells pointed, with a pale band.

Inhabits *Siberia*. *Oliv. Inf.* 83. fig. 123.

Snout black: abdomen black, tip with white.

Notatus. Thorax brown with 4 white dots; shells brown with 2 testaceous bands, the fore-one abbreviated.

Found on plants of *Barbary*.

Head brown, or dull rufous: snout black: scutellum white: shells striate, the hinder band terminating in a white spot at the suture, and near the suture a white blotch.

Barbirostris Black; snout bearded: fore-shanks 3-toothed.

Inhabits *India*. *Oliv. Inf.* 83. fig. 37.

Snout thin, with a lateral thick ferruginous beard: thorax rough: shells deeply grooved, the grooves rough.

Angustatus Cylindrical, black: shells obtuse punctured.

Inhabits *England*. *Herbst, Arch. Inf. tab.* 24. fig. 7.

Larger than *C. paraplecticus*. shells striate punctured.

Bardanae. Cylindrical, grey downy: fore-legs long.
Inhabits Saxony, on the Burdock.
When young covered with grey down, when old black and glabrous: shells rounded obtuse.

Ascanii. Cylindrical, black; sides blueish.
Inhabits Europe. *Oliv. Inf.* 83. fig. 83.

Lineola. Cylindrical, black: shells with a testaceous fillet.
Inhabits New Holland. *Oliv. Inf.* 83. fig. 185.
Small, antennæ brown: thorax flat on the back: shells striate.

Linearis. Long, black: antennæ and legs piceous: snout tapering towards the base.
Inhabits Strasburg. *Payk. Monogr.* 51. 48.
Body very oblong and thin: snout much thicker at the tip: antennæ ferruginous: thorax punctured: shells striate.

• *5-maculatus*. Grey; shells with 5 white spots.
Inhabits Europe.

Crassipes. Fore-thighs subclavate: body black.
Inhabits Strasburg; size of *C. Ascanius*.
Antennæ black tip with brown: thorax long, rounded behind: shells shorter than the abdomen.

T. Album. Long, black: thorax polished: shells striate obtuse.
On the *Atriplex litteralis*. *Payk. Monogr.* 52. 49.
Antennæ slightly ferruginous at the tip.

Lymexylon. Long, grey: thorax rough: shells striate.
Inhabits Germany, in Oak plank.
Snout cylindrical, grey tip with black: antennæ short, the club ovate.

Spartii. Oblong, grey: thorax with a broad black fillet: shells with black dots in longitudinal rows.
Inhabits Germany. *Hoppe, Enum. Inf.* page 60.
Found on Butcher's Broom.
Snout incurved, a little longer than the thorax: shells with 3 pale black fillets, and besides the rows of dots 2 square spots near the scutell.

Æquatus. Brassy; shells red: snout black.
Inhabits Germany; half the size of *C. nucum*.

- Sternus*. Ovate, black, finely speckled with yellow.
Inhabits Saxony, on nettles. *Schall. Naturf.* 1. p. 280.
- Parifinus*. Shells and thorax green: snout and legs black.
Inhabits Paris. *Thunb. Nov. Act.* 4. p. 16. n. 27.
- Cylindroides*. Long, speckled with yellow: shells punctured striate, somewhat obtuse.
Inhabits the Cape. *Stock, Transf.* 1785. p. 38. n. 1.
- Borifer*. Thorax subglobular with short spines perforated at the tip: shells blackish with white lines.
Inhabits the Cape. *Stock. Transf.* 1785. p. 38. n. 2.
- Casser*. Black; thorax rough: antennæ with a rough dot each side: shells striate punctured.
Inhabits the Cape. *Stock. Transf.* 1785. p. 39. n. 3.
Body beneath grey downy: knob of the antennæ covered with silvery down.
- Armillatus*. Thorax subspinous each side: thighs with a grey belt at the tip: shanks toothed.
Inhabits the Cape. *Stock. Transf.* 1785. p. 40. n. 10.
- *Ulicis*. Cinereous; abdomen ovate: antennæ, tarsi, shanks and first pair of thighs rufous.
Inhabits England. *Forst. nov. Inf.* 1. p. 31. n. 31.
Found early in the spring, on furze bushes.
- Latus*. Black, depressed, speckled with yellow: thorax granulate, with a transverse raised line in the middle: shells grooved.
Inhabits Hungary. *Herbst. Arch. tab.* 24. fig. 9.
- Ungaricus*. Black; thorax and shells purple.
Inhabits Hungary. *Herbst, Arch. tab.* 24. fig. 10.
- Cyanocephalus*. Black, villous: head steel-blue: thorax red: shells pale tawny, striate punctured: thighs greenish.
Inhabits Germany, on the Beech. *Herbst. tab.* 24. fig. 13.
- Striatus*. Cinereous downy: thorax with 3 whitish streaks; shells with as many black ones.
Inhabits Berlin. *Herbst Arch.* 4. tab. 24. fig. 13.

- Canus.* Subglobular, cinereous downy: shells abbreviated.
Inhabits *Berlin*. *Herbst, Arch. 5. tab. 24. fig. 14. c.*
- Cruciger.* Black; base of the antennæ and tarsi brown: shells abbreviated, striate, spotted with white.
Inhabits *Berlin*. *Herbst, Arch. 5. tab. 24. fig. 15.*
- Grus.* Black, beneath cinereous: thorax and shells striate punctured, rough: thighs clavate.
Inhabits *Pomerania*. *Herbst, Arch. 5. p. 73. n. 28.*
- Urticarius.* Brown with villous waved whitish bands: legs fulvous.
Inhabits *Pomerania*. *Herbst, Arch. p. 74. n. 13.*
- Alauda.* Cinereous, subglobular: thorax with black spots and transverse band on the thorax: legs brown.
Inhabits *Pomerania*. *Herbst, Arch. 5. tab. 24. fig. 16. g.*
- Punctum album.* Black, speckled beneath and on the sides with yellowish: antennæ fulvous: suture of the shells with a white dot in the middle.
Herbst, Arch. Inf. 5. p. 74. n. 31. tab. 24. fig. 17.
Found on the flowers of the *Nymphaea alba*.
- Linola alba.* Convex, piceous: shells striate, with white down, the suture with an abbreviated white line,
Inhabits *Germany*. *Herbst, Arch. 5. p. 74. n. 33.*
- Verficolor.* Piceous, with whitish down: snout black.
Inhabits *Germany*. *Herbst, Arch. 5. p. 75. n. 34.*
- Meles.* Narrow, punctured, quite black.
Inhabits *Austria*. *Herbst, Arch. 5. p. 166. n. 94.*
- Rosarum.* Subglobular, black, with a whitish down: shells striate.
Inhabits *Berlin*. *Herbst, Arch. 7. p. 167. n. 97.*
- 4-punctatus.* Grey: thorax with 2 white lines: shells with 4 white dots.
Inhabits *Russia*. *Lepeck. It. 2. tab. 11. fig. 23.*
- Varius.* Varied with black and white: shells pointed.
Inhabits *Russia*. *Lepeck. It. 2. p. 11. fig. 33.*
- Piceus.* Piceous; shells as long as the abdomen.
Inhabits *Russia*. *Pall. Inf. 1. tab. 13. fig. 3.*

- Nomas.* Oblong, beneath covered with white down: shells hoary with punctured grooves.
Inhabits *Siberia*. *Pall. It. App. n. 31.*
- Picatus.* Oblong, pitchy: antennæ brown.
Inhabits—*Degeer Inf. 5. p. 221. n. 14.*
- Gibbosus.* Ovate, black: shells tuberculate, cinereous behind.
Inhabits—*Degeer, Inf. 5. p. 224. n. 17.*
- Castaneus.* Oblong, chesnut: beneath black: shells striate punctured, gibbous.
Inhabits—*Degeer, Inf. 5. p. 231. n. 19.*
- Fasciatus.* Oblong, cinereous with paler stripes.
Degeer Inf. 5. p. 234. n. 21.
- Nævus.* Ovate, grey: bands on the thorax; large black spot and dots on the shells brown.
Degeer, Inf. 5. p. 237. n. 24. tab. 7. fig. 17, 18.
Found on the *Plantain*, about the end of *July*.
- Rostratus.* Oblong, rufous: head and shells green-blue, polished.
Inhabits *Sweden*. *Degeer, Inf. 5. tab. 7. fig. 27. 28.*
- Melanoccephalus.* Subglobular, brown: head and snout black: shells gibbous.
Inhabits *Surinam*. *Degeer, Inf. 5. tab. 15. fig. 27.*
- Tragilegus.* Oblong, chesnut: shells as long as the thorax with 4 rufous spots.
Inhabits *Surinam*. *Degeer, Inf. 5. p. 273. n. 7.*
- Pulverulentus.* Brown; thorax granulate: shells transversely ridged.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 75.*
- Centaurea.* Ovate, brown with pale rufous down: snout deflected, margined, with a raised line in the middle at the tip.
Inhabits *Italy*. *Scopol Ent. Carn. n. 76.*
- Auratus.* Green gilt: antennæ and dilated end of the snout black.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 77.*
- Icosandriæ.* Black-blue: snout projecting: shells with 8 striæ.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 87.*

Heraceus.

- Oleraceus*. Gibbous, blackish: dot on the shells and lunule at the tip white
Inhabits Italy. *Scopol. Ent. Carn. n. 88.*
- Pellucens*. Yellowish; eyes and tip of the snout black.
Inhabits Hungary. *Scopol. Hist. 5. p. 90. n. 41.*
- Gibbus*. Oval, black: shells violet, grooved.
Inhabits Denmark. *Mull. Zool. Dan. p. 90. n. 1014.*
- Nemoralis*. Black; eyes brown: shells striate punctured.
Inhabits Denmark. *Mull. Zool. Dan. p. 90. n. 1016.*
- Similis*. Black; shells ovate, punctured striate.
Inhabits Denmark. *Mull. Zool. p. 90. n. 1015.*
- Politus*. Black; shells blue, striate, polished.
Inhabits Denmark. *Mull. Zool. p. 90. n. 1017.*
- Ochropus*. Black, ovate: thighs reddish-yellow.
Inhabits Denmark. *Mull. Zool. p. 90. n. 1018.*
- Griseus*. Oblong, cinereous: antennæ rufous.
Inhabits Denmark. *Mull. Zool. p. 88. n. 974.*
- Nitens*. Oblong, black-violet: thorax and shells greenish-black.
Inhabits Denmark. *Mull. Zool. p. 88. n. 975.*
- Arvensis*. Grey; thorax 3-lined: shells rufous obscurely tessellate.
Inhabits Denmark. *Mull. Zool. p. 88. n. 978.*
- Tuberculatus*. Black; thorax rugged: shells muricate with lines and tubercles.
Inhabits Denmark. *Mull. Zool. p. 88. n. 979.*
- Glaucus*. Black; thorax with a pale line each side: shanks rufous.
Inhabits Denmark. *Mull. Zool. p. 88. n. 989.*
- Trifolii*. Black; thighs pale: abdomen white.
Found in the heads of the *Trifolium montanum*.
- Longus*. Narrow, long, black: thorax with 4 whitish bands.
Inhabits France. *Geoffr. Inf. p. 269. n. 1.*
- Fuliginosus*. Black-brown, glabrous, striate punctured.
Inhabits France. *Geoffr. Inf. p. 271. n. 6.*

- Teres.* Oblong, greenish-black, striate.
Inhabits France. Geoffr. *Inf.* p. 272. n. 7.
- Pulex.* Subglobular, villous, black: shells and legs rufous.
Inhabits France. Geoffr. *Inf.* p. 272. n. 9.
- Rugosus.* Entirely brown, wrinkled.
Inhabits France. Geoffr. *Inf.* 1. p. 278. n. 2.
- Sulcator.* Brown, clouded: thorax grooved: shells striate.
Inhabits France. Geoffr. *Inf.* 1. p. 278. n. 3.
- Carduelis.* Black, striate, with villous clouded brown spots.
Inhabits France. Geoffr. *Inf.* 1. p. 281. n. 8.
- Napo-bras-* Dark cinereous: head globular: snout and shells black:
sicc. antennæ brown.
Stock. Trans. 1780. n. 4. p. 185.
Found in cabbage stalks.
- Erythropus.* Grey; shells striate: snout and legs black: shanks incurved
at the tip and with the ends of the legs red.
Inhabits Europe. Mus. Lesh. p. 18. n. 385.
- Chalybeus.* Glabrous, blueish-black: snout arched: thorax punctured:
shells striate.
Inhabits Europe. Mus. Lesh. p. 18. n. 388.
- Crenulatus.* Black, glabrous: snout as long as the body: shells with
deep crenate striæ.
Inhabits——Mus. Lesh. p. 19. n. 390.
- Foveolatus.* Green-gold; snout and legs black: abdomen violet: shells
deeply grooved: between the antennæ and eyes an
oblong hollow.
Inhabits Europe. Mus. Lesh. p. 19. n. 391.
- Virens.* Cylindrical, green, polished: snout and legs coppery.
Inhabits Europe. Mus. Lesh. p. 19. n. 392.
- Crassicornis.* Black, snout compressed: antennæ not elbowed, thicker at
the tip: thorax and shells very faintly punctured.
Inhabits Europe. Mus. Lesh. p. 19. n. 393.
- Glabratus.* Black, glabrous: shells brassy-black, striate.
Inhabits Europe. Mus. Lesh. p. 19. n. 398.

- Atomarius.* Brown; shells striate, with grey hairy specks.
Inhabits *Europe*. *Mus. Lesk.* p. 19. n. 399.
- Striatulus.* Black; shells grooved.
Inhabits *Europe*. *Mus. Lesk.* p. 19. n. 400.
- Rugosus.* Brown; shells ridged: shanks ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 19. n. 405.
- Crinitus.* Globular, black with grey hairs: snout glabrous, incurved:
shells striate.
Inhabits *Europe*. *Mus. Lesk.* p. 19. n. 407.
- Hæmatopus.* Black; thorax punctured: shells with crenate striæ: anten-
næ and shanks sanguineous.
Inhabits *Europe*. *Mus. Lesk.* p. 19. n. 417.
- b. Snout longer than the thorax; thighs toothed.
- Calcaratus.* Black; shells speckled with brown: fore-shanks sharply
toothed.
Inhabits ——— *Oliv. Inf.* 83. tab. 15. fig. 186.
Very large, snout cylindrical: thorax flat, punctured: shells
slightly pointed: fore-legs long.
- Bidens.* Black; shells with an erect spine in the middle.
Inhabits *New Zealand*. *Oliv. Inf.* 83. fig. 113.
Snout black, polished: antennæ brown: thorax a little rugged:
shells with crenate striæ: hind-thighs with a strong compressed
tooth.
- Taurus.* Grey; thorax and shells tuberculate: snout with an arched
horn in the middle each side.
Inhabits *Cayenne*. *Oliv. Inf.* 83. fig. 60.
Body large, with strong raised tubercles.
- Cornutus.* Thorax tuberculate: snout with a sharp spine in the mid-
dle each side.
Inhabits *Cayenne*. *Oliv. Inf.* 83. fig. 193.
Body large, black, tuberculate.
- Miliaris.* Brown; thorax and shells with numerous black tubercles.
Inhabits *Cayenne*. *Oliv. Inf.* 83. fig. 83.
Large, snout cylindrical, arched, black, polished.

Cyanicollis. Oblong, blackish: thorax blue, rough at the sides: shells striate.

Inhabits—*Oliv. Inf. 87. fig. 121.*

Snout long, obtuse at the end: sides of the *thorax* rough with raised dots: *shells* rough.

Jamaicensis. Dusky, rough: thorax with a fasciculate tubercle each side: shells striate.

Inhabits *Jamaica*. *Oliv. Inf. 83. fig. 83.*

Large, *snout* cylindrical, incurved, black: *antennae* brown; *thorax* dull grey with numerous black raised dots, the sides angulate each side with a tubercle of ferruginous hairs: *shells* with raised dots: *shanks* toothed at the tip.

Senegalensis. Black; shells tuberculate, pointed, with 2 gold downy spots.

Inhabits *Senegal*; large.

Thorax flat, shining, with 3 ovate obtuse tubercles in the middle, and many lesser ones behind: *shells* striate punctured.

Validus. Oblong, black, rough: fore-thighs and shanks toothed, Inhabits *Cayenne*. *Oliv. Inf. 83. fig. 186.*

Giliatus. Black; thorax fringed with spines on the fore-part: shells striate.

Curculio coronatus. *Oliv. Inf. 83. fig. 70.*

Body large, oblong: *shells* striate with raised dots.

Mucoreus. Four fore-thighs toothed: shells covered with yellowish bran, gibbous before the tip.

Inhabits *East India*.

Pusio. Four fore-thighs toothed: shells striate black, with a serpentine grey line.

Inhabits *East India*.

Spinipes. Black; thorax with 2 white lines, shells with 4 white streaks: fore-shanks spinous.

Inhabits *South American Islands*.; small.

Snout cylindrical, incurved: *thorax* tapering before, punctured; *shells* with raised dots: all the *thighs* sharply toothed.

Bumbina. Rusty-brown: shells striate, with white raised tubercles.

Inhabits *Cayenne*. *Oliv. Inf. 83. fig. 12.*

Large, *head* brown: *snout* and *antennae* black: *thorax* smooth, glabrous: *shells* striate.

- Scorpio.* Black; thorax plane, cinereous at the base: shells tuberculate, pointed, cinereous in the middle.
Inhabits Cayenne. *Oliv. Inf.* 83. fig. 14.
Large, head black: snout flat: thorax angulate each side, before and at the sides black: shells striate punctured, with spinous tubercles, edged with black which runs across the middle nearly forming a band.
- Chimaris.* Hind-thighs toothed: body black spotted with white: fore-legs very long.
Inhabits America. *Oliv. Inf.* 83. fig. 130.
Large, snout long, incurved, a little depressed: thorax rough, with white lines: shells striate, black, spotted with white: fore-thighs unarmed.
- Guttatus.* Black; thorax with 2 white spots at the base: shells tuberculate, dotted with white.
Inhabits Cayenne. *Oliv. Inf.* 83. tab. 5. fig. 45.
Shells a little pointed, with scattered white dots.
- Fascicularis.* Black; shells with fasciculate hairs: legs varied with cinereous.
Inhabits Cayenne. *Oliv. Inf.* 83. tab. 1. fig. 9.
Large, snout cylindrical, incurved: thorax hairy.
- Hystrix.* Black; shells with crenate striæ, and 2 white dots.
Inhabits Cayenne. *Oliv. Inf.* 83. tab. 15. fig. 182.
Large, thorax rough on the fore-part.
- Marmoreus.* Chestnut-brown, spotted with white.
Inhabits Cayenne. *Oliv. Inf.* 83. tab. 13. fig. 153.
Snout chestnut at the base, brown at the tip: orbits yellowish: thorax smooth spotted with yellow: shells striate punctured, spotted with yellow.
- Scaber.* Thorax carinate: shells grooved, with spinous tubercles.
Inhabits Cayenne.; nearly the size of *C. palmarum*.
Snout black: thighs sharply toothed.
- 3-fasciatus.* Thorax with a chestnut lateral line: shells dotted with white, and with 2 chestnut spots.
Inhabits Cayenne.
Snout testaceous: thorax punctured, testaceous: shells testaceous, striate, with villous white impressed dots: body testaceous.

- Cylindrirostris*. Thorax rough: shells with 2-tubercles behind.
Inhabits New Holland. Oliv. Inf. 83. fig. 128.
Large, snout cylindrical: thorax brown with numerous raised dots: shells varied with brown and grey, with 4 subserrate raised lines, the interstices striate punctured: legs variagated, the fore-ones longer.
- Stigma*. Shells with a large ferruginous spot in the middle.
Inhabits the Indies. Mus. Lud. Ulr. 48.
- Hebes*. Thorax rough: shells grooved, tuberculate: mouth bearded.
Inhabits Bengal. Oliv. Inf. 83. tab. 144.
Snout rough, black: mouth with fasciculate ferruginous hairs: thorax rounded, with raised dots: shells black with 9 tubercles: 3, 3, 3. obliquely placed, and 2 cinereous spots: legs black: rough.
- Annulatus*. Pale; thorax and shells with black streaks.
Inhabits India. Oliv. Inf. 83. fig. 62.
Thorax with one, shells with 2 streaks.
- * *Caliginosus*. Shells with approximate punctured striæ.
Inhabits England. British Museum..
Body oblong, a little less than *C. paraplecticus*, entirely black: opaque: thorax rounded, punctured, carinate: shells with deep approximate striæ in pairs: thighs sharply toothed.
- Dubius*. Black; thorax smooth: shells striate, rough.
Inhabits———large.
Snout black, flat at the end: shells obtuse.
- Roratus*. Body covered with fulvous specks: fore-legs long.
Inhabits Cayenne; size of *C. cynara*.
- Brunneus*. Chestnut; snout brown: shells testaceous, striate punctured.
Inhabits the Cape of Good Hope. Oliv. Inf. 83. fig. 120.
Large, snout grooved each side: thorax punctured: striæ of the shells meeting in pairs at the tip, a raised gibbous dot at the tip.
- * *Abietis*. Black; shells with linear interrupted white bands.
Schæff. Icon. tab. 25. fig. 1.
Found in the bark and resin of the *Pinus sylvestris*.
- Dentipes*. Thorax white: shells black striate with white: shanks toothed.
Inhabits Senegal. Oliv. Inf. 13. fig. 93.

Head black: snout cylindrical: thorax 3-lobed behind: shells with 2 white approximate striæ meeting behind: legs black: thighs and shanks toothed.

Multiguttatus. Black; thorax and shells dotted with white.

Inhabits———*Oliv. Inf.* 83. tab. 13. fig. 163.

Snout cylindrical: thorax smooth, with 2 white dots each side: shells smooth with numerous white dots.

Pupillator. Brown, tuberculate: shells with a cinereous marginal spot in which are 3 black dots.

Inhabits Cayenne. *Oliv. Inf.* 83. tab. 15. fig. 183.

Reticulatus. Oblong, piceous: shells reticulate, with oblique pale bands: fore-shanks spinous.

Inhabits *Tranquebar*; size of *C. abietis*.

Snout black: fore-shanks with an incurved spine.

* *Lapathi*. Thighs 2-toothed: body varied with white and black: thorax and shells muricate.

Donovan's Eng. Insects, vi. plate 205. fig. 1.

Inhabits *Europe*, on the willow.

Head varied with white and black: snout black: thorax brown above, with 5 white spinous tubercles and white at the sides: shells white at the end: abdomen black.

Irroratus. White, above brown spotted with white: thighs annulate with white.

Inhabits *Cayenne*: size of the last.

Head varied with white and black: snout black: thorax and shells smooth, black speckled with white: body white: legs white: thighs with 2 brown rings.

Tricinctus. Black; sides of the thorax and 3 bands on the wings white: fore-legs longer.

Inhabits *Guadeloupe*. *Oliv. Inf.* 83. tab. 6. fig. 61.

Snout incurved, polished: shells striate punctured.

Statua. Black; shells grooved, with a common white spot: hind-thighs longer.

Inhabits———something less than *C. lapathi*.

Snout piceous at the tip: antennae black: thorax a little rough: shells with impressed dots; legs brown annulate with cinereous.

6-guttatus. Black; shells with 3 white spots.

Inhabits *America*. *Oliv. Inf.* 83. *tab.* 14. *fig.* 170.

Snout with a longitudinal white line: *thorax* white at the sides: *shells* smooth.

Luridus.

Ovate, dull black: shells striate punctured,

Inhabits *New Holland*. *Oliv. Inf.* 83. *fig.* 175.

Antennæ brown at the tip: *thorax* rough, with a smooth dorsal line: *shells* with large dots.

Stolidus.

Brown; hind-shanks incurved, toothed.

Inhabits the *Cape of good hope*. *Oliv. Inf.* 83. *fig.* 145.

Head black, ferruginous at the base: *antennæ* black: *thorax* rough with numerous points, black with a few indistinct ferruginous dots: *shells* striate punctured, slightly banded with ferruginous: *hind-thighs* with a cinereous ring: *hind-shanks* short, incurved, with 2 obtuse denticles at the tip, one outwards and one inwards.

Frigidus.

Brown; shells varied with ferruginous, striate and slightly tuberculate.

Inhabits *Amboina*. *Oliv. Inf.* 83. *tab.* 8. *fig.* 97.

Snout with a ferruginous dot at the base, and a white dorsal line: *thorax* black with a ferruginous dorsal line and dot or two: *shells* striate punctured.

Gibbus.

Black; shells with hollowed dots and an abbreviated whitish streak.

Inhabits the *Island Bourbon*. *Oliv. Inf.* 83. *tab.* 8. *fig.* 88.

Thorax rough with raised dots.

Oculatus.

Dull cinereous: shells with a large ocellate black spot in the middle.

Inhabits *Cayenne*. *Oliv. Inf.* 83. *fig.* 31.

Meditabundus.

Shells striate pointed behind.

Inhabits *New Holland*. *Oliv. Inf.* 83. *fig.* 132.

Snout black, polished: *thorax* nearly smooth: *shells* with striae meeting in pairs at the end: all the *thighs* toothed.

Stupidus.

Black; *thorax* rounded at the sides, shells subspinous.

Inhabits *New Holland*. *Oliv. Inf.* 83. *fig.* 151.

Entirely black, opaque: *thorax* rough, broader than in others: *thighs* rough.

Mangifera.

Mangiferæ. Dusky; thorax rough, with a white dorsal line: shells reticulate.

Oliv. Inf. 83. fig. 137. *Hybn. naturf. tab.* 2. fig. 13.

Inhabits *India*, in the fruit of the Mango tree.

Thorax with a white dot each side the line: scutell white: shells striate, grey with scattered black dots.

Stultus. Grey; shells with a common lunate cinereous spot: snout black.

Inhabits *Coromandel*; less than the last.

Thorax rough: shells striate.

Araneus. Dusky, varied with cinereous: thorax rounded at the sides. Inhabits *South American Islands*.

Size of *C. squalidus*: snout projecting, piceous, polished: thorax with 3 obsolete cinereous lines: shells grooved: body black.

Strix. Black; thorax with 3 ferruginous lines: shells striate, with ferruginous dots.

Inhabits *Cayenne*. *Oliv. Inf.* 83. tab. 16.

Snout arched, black, striate with ferruginous at the base: thorax cinereous at the edge: shells short, grey.

Squalidus. Body grey downy: snout testaceous.

Inhabits *Surinam*. *Oliv. Inf.* 83. fig. 184.

Thorax grey, with 3 cinereous lines: shells short striate.

* *Germanus* Black; thorax with 2 small testaceous dots.

Donovan's English Insects, i. plate 34. fig. 2.

Inhabits *Europe*, particularly *Germany*.

* *Scrophularia*. Thorax yellow-white: shells with 2 black spots connected by a white one.

Donovan's English Insects ii. plate 60.

Inhabits *Europe*, on the fig-wort: 3 lines long.

Snout pale: thorax with yellow white hairs: shells with 4 silky lines varied with white and black.

Thapsus. Shells with 2 black dorsal simple spots.

Inhabits *Germany*. *Oliv. Inf.* 83. fig. 21.

Head and thorax downy, cinereous: antennae ferruginous: shells with numerous lines composed of alternate black and white dots; on the future are 2 round large dots: body and legs cinereous.

- Verbasci.* Black; thorax yellowish at the sides: shells striate with alternate black and white dots.
Inhabits Germany.
Thorax yellowish, black down the back: shells with sometimes 2 distinct white spots on the suture.
- Blattaria.* Whitish; shells varied with black, a black dorsal spot at the base and tip.
Inhabits Germany; half the size of the last.
Snout black, cylindrical, incurved: head whitish: thorax whitish with a black spot in the middle meeting that on the shells: shells scarcely striate with black and white dots.
- Solani.* Dusky; shells with raised black lines dotted with cinereous.
Inhabits Saxony; half the size of the last.
Head black: thorax cinereous: shells a little rough.
- Gravis.* Black; shells varied with ferruginous: thighs caniculate.
Inhabits the Cape of good Hope. Oliv. Inf. 83 fig. 177.
Antennæ piceous: thorax rough with raised dots: shells striate, rough: legs black, the hind-ones ferruginous.
- §-punctatus.* Suture and 2 dots on the shells white.
Inhabits Europe. Schæff. Icon. tab. 1. fig. 12.
Body above purple, beneath cinereous: thorax with a white dorsal line.
- Guttula.* Thorax tuberculate, black: shells striate, with a white dot behind.
Inhabits Saxony; larger than C. litura.
Snout black: thorax uneven with an impressed dorsal line and an erect raised tubercle each side: shells slightly striate: body beneath cinereous.
- Abbreviatus.* Brown, with minute grey specks: shells abbreviated.
Inhabits Saxony; larger than C. litura.
Antennæ piceous: shells substriate, powdered with grey specks which sometimes compose a band or two, a little shorter than the abdomen.
- Echii.* Black; thorax and shells with white lines.
Curculio geographicus. Oliv. Inf. 83. fig.—
Inhabits Germany, on the Echium or Bugloss.
Thorax elevated at the fore margin, and with the shells striate with white lines: thighs with a white ring.

- Didymus*. Body above brown: shells striate, with a lateral transverse white spot.
Inhabits Germany. *Paykul. monogr.* 29, 28.
Small, snout black: body beneath grey.
- Lamii*. Black; thorax tuberculate: shells varied with cinereous: snout arched, black.
Inhabits Germany: on the *Lamium*: small.
Club of the antennae pale ash: thorax with 4 tubercles, dusky: shells striate.
- Brassicæ*. Cinereous, downy: snout arched, black.
Inhabits Germany; small.
Knob of the antennae pale ash: shells striate.
- Borraginis*. Cinereous downy: ends of the legs rufous.
Inhabits France. *Oliv. Inf.* 83. fig.—
Body entirely covered with cinereous down.
- Hæmorrhoidalis*. Thorax brown, pale ashy at the sides: suture of the shells ferruginous at the tip.
Inhabits New Holland; small
Thorax ovate, the sides in the male cinereous, in the female ferruginous with a few brown dots: shells striate.
- 3-maculatus*. Shells black with 3 cinereous dots, the hind-one common and lunate.
Inhabits Asia. *Paykul. monogr.* 26, 24.
Head black: thorax brown with a chestnut dorsal line and cinereous marginal spot each side: shells brown, the suture chestnut at the base: thighs with a cinereous ring.
- Litura*. Body varied with white and black: snout black.
Inhabits Europe, on thistles. *Paykul. monogr.* 26. 25.
Thorax with a black dorsal line; a small white line before and dot behind.
- Villosus*. Downy, grey: scutel and band on the hind-part of the shells white.
Inhabits Germany. *Herbst. Arch. tab.* 24. fig. 19.
Snout projecting, black: thorax grey with a whitish longitudinal line: shells with an oblique band behind.
- Raphani*. Blackish; thorax tuberculate: snout arched black.
Inhabits Germany, on the *Raphanus*.
First joint of the antennae ferruginous: thorax tuberculate each side and a little raised on the fore edge: shells slightly striate, immaculate.

- Varians.* Black; shells rufous, edged round with black.
Inhabits Sweden, on the Fir. *Paykul, Monogr.* 16. 15.
Shells sometimes large, entirely black.
- Troglodites.* Brown; thorax with a cinereous dorsal line; shells and legs testaceous.
Inhabits Germany; small. *Paykul, Monogr.* 30. 29.
Antennæ subtestaceous: shells striate, subtestaceous, the future blackish.
- * *Carbonarius.* Oblong, black; club of the antennæ villous: shells with crenate striæ.
Inhabits Europe; resembles *C. cerasi*, but the thorax is unarmed and flat above.
- Aterrimus.* Black; thorax 2-toothed at the top: shells polished.
Inhabits Europe; body entirely black.
- * *Cerasi.* Black; thorax 2-toothed at the top: shells oblong, opaque.
Frish. Inf. 11. 31. tab. 23. fig. 1, 3.
Found in the leaves of the Cherry tree.
- * *Violaceus.* Black; shells violet, striate.
Bergst. Nomencl. 1, 16, 13. tab. 2. fig. 13.
Inhabits Northern Europe, on pine trees.
- * *Nucum.* Grey-brown; snout as long as the body.
In hazel nuts. *Oliv. Inf.* 83. fig. 47.
Scutell white; shells marbled; abdomen pointed.
- Proboscideus.* Grey; snout twice as long as the body.
Inhabits North America. *Oliv. Inf.* 83. fig. 187.
Snout polished, ferruginous: body oblong, grey with oblique dusky streaks.
- Gulosus.* Dull chestnut-brown: legs testaceous.
Inhabits Paris; size of the last.
Snout as long as the body, chestnut-brown tipped with black.
- Parasita.* Ferruginous minutely speckled with cinereous: thighs with a black spot.
Inhabits Cayenne. *Oliv. Inf.* 83. fig. 181.
Size of *C. nucum*: snout ferruginous longer than the body: thorax with a dorsal cinereous line: shells smooth.

- Esuricus*: Grey; scutel whitish; shells with a whitish spot behind.
Inhabits *France*; size of *C. cerasorum*.
Snout longer than the body, arched, black: *thorax* with a whitish dorsal line.
- Nasutus*. Chestnut-brown; shells striate, cinereous, the tip chestnut brown.
In the *British Museum*. *Oliv. Inf* 83. fig. 138.
Size of *C. nucum*, snout cylindrical, black, as long as the body: *thorax* dull grey.
- Haustellatus* Chestnut; shells striate: snout four times as long as the body.
Inhabits the *Cape of good hope*. *Oliv. Inf.* 83. fig. 171.
- Varius*: Varied with grey and black: snout and legs rufous.
Inhabits *Cayenne*; more oblong than *C. nucum*.
Snout cylindrical: antennae very thin: thighs surrounded with a black ring.
- * *Cerasorum* Brown; scutel cinereous: shells with obsolete cinereous bands.
Inhabits *England*; not half as large as *C. nucum*.
Snout cylindrical, glabrous, blackish: *thorax* brown with an obsolete cinereous dorsal line: shells striate, with 2 serpentine cinereous bands almost extinct.
- Amoenus*. Black; thorax with 2 snowy dots, shells with 5.
Inhabits *New Holland*. *Olivier's Insects*. 83. fig. 143.
Not half the size of *C. nucum*: antennae brown: shells striate, with a white satural line in the middle and 2 dots behind: legs deep black.
- Metallinus*. Brassy-black; thorax punctured: shells striate punctured.
Inhabits *South American Islands*; middle-sized.
Snout arched, black: thighs all clavate.
- Bicornis*. Grey; head 2-toothed.
Inhabits *New Zealand*.
Body grey, or mixed cinereous and brown: snout brown: front with 2 short erect denticles: shells substriate.
- * *Tenuirostris*. Black; shells with a short white band: antennae rufous.
Inhabits *England*. *Donovan's Eng. Inf.* vii. plate 259. fig. 3.
Less than *C. cerasorum*: head black: snout thin, glabrous: antennae rufous, the club cinereous.

Druparum. Shells testaceous, obscurely barred.

Schæff. Icon. tab. 1. fig. 11. Sulz. tab. 3. fig. 21.

Found in the kernels of the wild cherry.

Fraxini. Rusty-brown; head and back black.

Inhabits Sweden, on the ash. *Degeer, Inj. 5. tab. 5.*

Melanops. Chestnut-brown; head brown: snout black.

Inhabits Saxony. *Cur. melanocephalus, Fabricius.*

Snout cylindrical, incurved; shells striate, the outer edge a little blackish.

Depressus. Thorax depressed, the sides obtusely angled.

Inhabits South America. *Seba Mus. tab. 95. fig. 4.*

* *Pomorum.* Clouded ash-colour: shells with 2 brown bands.

On Apple blossoms. *Frish. Inf. 1, 32. tab. 8.*

Thorax with a white spot behind: fore-thighs with a strong spine: each side; antennae and legs brown.

Vorax. Spotted with grey and brown: snout arched black.

Inhabits Italy; a little larger than the next.

Antennae testaceous; fore-legs longer.

* *Tortrix.* Oblong, testaceous: breast brown.

Twisted in the leaves of Poplar. *Payk. Monogr. 7, 6.*

Tremulae. Blackish; shells striate speckled with grey.

Inhabits Sweden. *Payk. Monogr. 4, 4.*

Snout black: thorax polished, black with a reddish gloss behind: shells with crenate striae.

Astuanus. Brown with cinereous lines; legs pale.

Inhabits South American Islands; small.

Snout obscure, ferruginous before the tip.

* *Teniatus.* Thorax black, the fore and hind margin rufous: shells pale spotted with black.

Inhabits England. *Payk. monogr. 6, 5.*

Less than *C. tortrix*. Snout black: mouth sanguineous: antennae testaceous, the club cinereous: shells subvillous, slightly striate.

Elongatus. Thorax elongated: fore-shanks 2-toothed.

Inhabits Jamaica.

Shells striate punctured, black with 2 ferruginous bands; belongs probably to the Genus *Brentus*.

Vaginalis.

- Vaginalis.* Shells striate, with scattered tubercles, and mucronate near the tip.
Inhabits *America* and *Siberia*. *Mus. Lud. Ultr.* 47.
Shells striate with villous hollowed dots.
- Hispidus.* Body grooved sprinkled with erect scales.
Inhabits *Europe*. *Fn. Suec.* 619.
- Pedicularius.* Body red: shells subfasciate whitish.
Inhabits *Europe*. *Fn. Suec.* 620.
- Byrrhinus.* Thorax and shells black edged with ferruginous: breast snowy each side.
Inhabits the *Cape*. *Stockh. Transf.* 1785. p. 39. n. 4.
- Strigirostris* Thorax granulate: shells striate punctured: snout longitudinally grooved each side.
Inhabits the *Cape*. *Stockh. Transf.* 1785. p. 39. n. 5.
Body sometimes blackish, sometimes tawny, except the head and thorax.
- Laniger.* Shells reticulate with rough dots, 2 whitish lunate spots behind: fore-shanks toothed.
Inhabits the *Cape*. *Stockh. Transf.* 1785. p. 40. n. 6.
Body above black, beneath covered with reddish down: thorax granulate, with 3 small grey spots.
- Tibialis.* Oblong, black clouded with cinereous: thorax subglobular: shells striate: snout inflected and hid in a pectoral groove: fore-shanks bearded within.
Inhabits the *Cape*. *Stockh. Transf.* 1785. p. 40. n. 7.
- Glyphicus.* Body ovate, black: shells reticulate with white lines.
Inhabits *Saxony*. *Aët. Hall.* 1. p. 282.
- Capucinus.* Shells grey clouded, with oblong whitish spots behind at the future, and 2 whitish dots
Inhabits *Saxony*. *Aët. Hall.* 1. p. 283.
- * *Forsteri.* Antennæ and tarsi rufous: claws very long.
Inhabits *England*. *Forst. Nov. Inf.* 1. p. 32. n. 32.
Oblong; size of *C. pomorum*: piceous covered with cinereous hairs: shells cinereous dotted with black.

- * *Pollinari-* Shells depressed, flat, abbreviated: belly, edge of the shells and legs sprinkled with chaff.
Inhabits England. Forst nov. Inf. 1. p. 33. n. 33.
- Cinnamomi.* Cinnamon; snout caniculate on the fore-part, toothed at the edge, the tip erect mucronate forked, behind gibbous and granulate.
Inhabits India. Herbst, Arch. Inf. tab. 24. fig. 20. h. i.
Shells striate punctured, with an orange spot and dot: is probably a species of Brentus.
- Affinis.* Black; shells blue, striate punctured.
Inhabits Berlin. Herbst Arch. 5. p. 77. n. 48.
- Glaber.* Black, polished: beneath punctured.
Inhabits Berlin. Herbst, Arch. 5. p. 78. n. 49.
- Denigratus.* Black; thorax punctured: shells striate punctured, reddish beneath at the tip.
Inhabits Germany. Herbst. Arch. 5. p. 78. n. 52.
- Cardui.* Gibbous; yellowish-ash: thorax tuberculate: shells convex, abbreviated, with a yellow line and dot: scutel yellow.
Inhabits Berlin. Herbst, Arch. tab. 24. fig. 22. k.
- Ireos.* Entirely white.
Inhabits Siberia, on the Iris. Pall. It. 2. App. n. 57.
- Crucifer.* Brown; beneath covered with shining yellowish ashy-down: shells with a cross at the suture.
Inhabits Siberia. Pall. It. 1. App. n. 35.
- Albicaus.* Thorax with 5 tubercles, shells 6: tail white.
Inhabits Russia. Lepech, It. tab. 10. fig. 6.
- Urticæ.* Black, flattish: thorax toothed each side: shells striate, with 2 dots behind.
Found on nettles. Mull. Zool. Dan. p. 88. n. 983.
- Rufescens.* Subglobular, rufous: shells with raised tessellate black and white lines.
Inhabits Denmark. Mull. Zool. p. 89. n. 998.
- Tuberculifus* Black; thorax whitish at the sides: shells with 4 rows of tubercles.
Inhabits Italy. Scopol. Ent. Carn. n. 80.

Cariosus. Oblong, snout polished: shells striate: fore-thighs thicker, with a larger tooth.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 81.*

Syngenesiæ. Buff-colour, with short down: snout black, polished at the tip.
Inhabits *Italy*. *Scopol. Ent. Carn. 82.*

Fuscus. Brown; scutel with a white dot, shells with a reddish one.
Inhabits *France*. *Geoff. Inf. 1. p. 300. n. 50.*

Geerii. Subglobular, grey: shells with a large brown dorsal spot.
On the *Ash*. *Degeer, Inf. 5. p. 212. n. 4.*

Ulmi. Oblong; reddish-brown: snout black: shells with a blackish spot.
On the *Elm*. *Degeer, Inf. 5. tab. 6. fig. 26. 27.*

Pulverulentus. Oblong, black: shells with cinereous spots.
Inhabits *Surinam*, *Degeer, Inf. 5. tab. 15. fig. 24.*

Bohemus. Shells grey, punctured: antennæ and legs rufous.
Inhabits *Bohemia*. *Act. Bohem. 4. p. 183.*

Reticularis. Oblong, black: shells deeply punctured and reticulate, the ridges faintly transversely striate.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 423.*

Subfasciatus. Ferruginous; shells with obsolete fulvous bands.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 426.*

Tricolor. Testaceous; head thorax and legs rufous: shells with 2 indented ferruginous bands.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 427.*

Dentatus. Rufous; thighs armed with a strong spine.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 431.*

Acutus. Rufous; shells striate: thighs sharply toothed.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 432.*

Cinereascens. Black, beneath pale ash: shells striate: snout as long as the body.
Inhabits *Europe*. *Mus. Lesh. p. 20. n. 434.*

- Muricatus.* Subglobular, black: shells grooved, hairy, cinereous, mucronate behind: shanks and tarsi rufous.
Inhabits Europe. *Mus. Lesk. p. 20. n. 435.*
- Cinereus.* Subglobular, cinereous: antennæ and legs pale rufous.
Inhabits Europe. *Mus. Lesk. p. 20. n. 436.*
- Bipunctulatus.* Subglobular, cinereous: thorax grey with 4 tubercles before: shells striate, with 2 grey dots on the disk of each.
Inhabits Europe. *Mus. Lesk. p. 20. n. 439.*
- Daviesii.* Whitish-grey; shells angulate before, with a large ferruginous lateral spot.
Inhabits New York. *Stock. Transf. 1787. tab. 8. fig. 5.*
- Zonatus.* Black; thorax whitish at the sides: shells with 3 distinct whitish bands.
Inhabits Africa. *Stock. Transf. 1787, 8. n. 3, 14.*
- c. *Snout longer than the thorax: hind-thighs formed for leaping.*
- * *Alni.* Shells dull testaceous with 2 dark spots.
Donovan's English Insects. vii. plate 249. fig. 1.
Inhabits Europe; on the leaves of the Alder.
Thorax testaceous with a short black band: body black.
- * *Rufus.* Entirely dull testaceous: eyes black.
Donovan's English Insects vii. plate 249. fig. 1.
Inhabits Europe; resembles the last: abdomen red.
- * *Pilosus.* Black, varied with cinereous.
Inhabits England. antennæ testaceous.
- Hortorum.* Black; shells with a testaceous band and another lesser one behind: legs testaceous.
Inhabits Germany; small.
Antennæ testaceous: shells striate: hind-thighs black.
- Calcar.* Black; antennæ and ends of the legs testaceous: thighs toothed.
Inhabits Germany; small. *Paykul. Monogr. 18. 17.*
Body black: shells slightly striate.
- Saliceti.* Black; shanks testaceous: shells striate.
Inhabits Sweden; small: *Paykul. Monogr. 66. 64.*

- * *Beccabunga*. Black; shells rufous before the tip.
gae. Inhabits *Europe*, on the *Veronica Beccabunga*.
- Salicis*. Shells black with 2 white bands.
On the flowers of the willow. *Payk. Monogr.* 64. 62.
- Ilicis*. Blackish; shells striate, varied with cinereous; the future
white at the base.
Inhabits *Sweden*, on the oak; small.
Thorax with a 3-lobed dorsal cinereous spot.
- Iota*. Black; shells striate, the future white at the base.
Inhabits *Sweden*; small. *Payk. Monog.* 66. 63.
- * *Fagi*. Body black: thighs white.
On Beech leaves. *Payk. Monogr.* 64. 61.
- Fragariae*. Brown; antennæ and tarsi testaceous.
Inhabits *Germany*, on Strawberry leaves.
Head black: antennæ pale testaceous.
- Populi*. Black; scutellum white: antennæ and legs testaceous.
Inhabits *Holland*, on the Poplar; small.
Antennæ testaceous, the club more dusky: shells striate: hind-
thighs with a broad black band.
- Multidentatus*. Rufous; eyes black: hind-thighs many-toothed.
Mus. Lesk. p. 20. *n.* 441.
- Meticulosus*. Grey-brown, beneath and shells on the hind-part whitish
downy: snout inflected, black.
Inhabits *Africa*. *Stock. Transf.* 1785. *p.* 40. *n.* 8.
- Pudicus*. Pale grey; snout inflected sanguineous: head and legs
reddish: shells striate.
Inhabits *Africa*. *Stock. Transf.* 1785. *p.* 40. *n.* 9.
- Segetis*. Body piceous: shells oblong.
Found on ears of Corn. *Fn. Suec.* 611.
- Rhei*. Black, opaque: thorax subpunctured: shells striate punc-
tured: body beneath covered with whitish down.
Inhabits *Berlin*. *Herbst. Arch.* 5. *p.* 78. *n.* 50.

- Rhamni.* Black, opaque; snout polished: thorax rough: shells slightly grooved.
Inhabits Germany. *Herbst. Arch.* 5. p. 78. n. 51.
- Curvirostris* Blackish with whitish down: thorax punctured: shells striate: snout incurved: knob of the antennæ brown.
Inhabits Germany. *Herbst. Arch.* 5. p. 78. n. 53.
- Vanellus.* Head subvillous: thorax short; shells striate: legs brownish.
Inhabits Berlin. *Herbst. Arch.* 5. tab. 24. fig. 23. F.
- Arator.* Subovate; thorax brown with 3 pale lines: shells with a black indented suture: legs brown.
Inhabits—*Mant*, p. 531.
- Verrucosus.* Blackish-brown; shells with striate warts: thighs 1-toothed.
Drury Insect, 2. tab. 34. fig. 4.
- Varicosus.* Shells grooved, with 6 tubercles above, 2-spined behind.
Inhabits South America. *Pall. Ins. Ross. tab.* B. fig. 1.
One of the largest of its kind: body black.
- Rhyncoceros* Shells tuberculate, mucronate: snout 2-horned at the base.
Inhabits America. *Pall. Ins. Ross. tab.* B. fig. 2.
- Exesus.* Body black speckled with yellowish: thorax and shells with jagged white spots.
Inhabits Surinam. *Pall. Ins. Ross. tab.* 11. fig. B. 15.
- Danubialis.* Shells fawn-colour with scattered black dots.
Inhabits Islands on the Danube, in the bark of trees.
- d. Snout shorter than the thorax: thighs unarmed.
- Argyreus.* Body green spotted with silvery and gold.
Inhabits India.
- Splendens.* Shells striate, with gold spots, gibbous at the base, pointed at the end.
Inhabits Brazil; size of *Curc. imperialis*.
Thorax rough with black raised dots, the sides and line down the back golden: shells striate; with splendid varied gold spots: legs very hairy.

Imperialis.

- Imperialis*. Shells with alternate black raised lines and green-gold punctured grooves. gibbous at the base and pointed at the tip.
Inhabits *South America*. *Oliv. Ins.* 83. fig. 1.
This most splendid and rich insect is commonly known by the name of the Diamond Beetle.
- Sumptuosus*. Shells greenish with raised black dots, gibbous at the base.
Inhabits *Cayenne*. *Oliv. Ins.* 83. tab. 1. fig. 13.
Thorax black with a grey dorsal line: *shells* greenish-ash, striate with raised black dots.
- Chrysis*. Whitish; shells pointed with two gold bands and two dots.
Inhabits *East India*. *Oliv. Ins.* 83. tab. 1. fig. 6.
Large. *Antennæ* black: *thorax* whitish with a dorsal gold stripe.
- Regalis*. Body green, silky with waved gold bands
Inhabits *India*. *Oliv. Ins.* 83. tab. 1. fig. 8.
- Marginatus*. Brown; future of the shells and edges of the abdomen golden.
Inhabits *Cayenne*. *Oliv. Ins.* 83. fig. 82.
Large, *Head* black, immaculate: *snout* flat: *breast* with two gold lines: *shells* punctured, the future gold at the base: *abdomen* beneath black, golden at the sides: *legs* black.
- 19 punctatus. Hoary; thorax with four black dots, shells with 19.
Inhabits *Cayenne*. *Oliv. Ins.* 83. fig. 25.
Head blueish: *eyes* and *antennæ* black: *shells* with each nine dots and a common one at the base, 1. 2. 2. 2. 2. *legs* bluish.
- Cicatrifosus*. Hoary; thorax rugged, with 3 black lines: each shell with 3 black spots at the future, one at the outer margin and a common one near the scutel.
Inhabits *Germany*. *Hoppe. Insect. Erlang.* p. 61.
Body black with irregularly shaded hoary down: *snout* with a black ridge and black at the sides: outer lines on the *thorax* bifid behind: *shells* lanceolate, striate punctured: *breast* and *belly* dull cinereous irregularly dotted with black.
- 16-punctatus. Blueish; thorax with four black dots, shells sixteen.
Inhabits *Brazil*. *Oliv. Ins.* 83. fig. 17.
Head grooved: *thorax* golden at the sides: hind dot on the shells doubled.
- Decorus*. Body above brown; thorax and shells with two green-gold fillets.
Inhabits *Brazil*. *Oliv. Ins.* 83. fig. 152.
Snout channeled at the tip: *thorax* rounded with two green-gold lines: *shells* punctured striate, with a green-gold fillet in the middle: *body* beneath golden, middle of the abdomen brown.

- Nitidulus*. Green, scaly : shells punctured.
Inhabits Cayenne. Oliv. Ins. 83. fig. 38.
Snout grooved, cinereous : thorax and shells a most beautiful velvety green.
- Candidus*. Shells spinous, white a lateral brown spot.
Inhabits Cayenne.
Head shining gold : back of the thorax brown, the sides white : shells with a few scattered spines : legs brown : shanks rufous.
- Niveus*. Snowy ; back of the thorax and snout brown ; shells spinous and pointed.
Inhabits Cayenne. Oliv. Ins. 83. fig. 173.
Snout bifid, ciliate : thorax snowy with a broad brown stripe : scutellum and sutures of the shells at the base brown : shells with raised slightly toothed striae, distant and very pointed at the ends : body snowy.
- Lacteus*. White with a gold gloss : shells grooved, pointed.
Inhabits Jamaica. Oliv. Ins. 83. fig. 172.
Head white : snout emarginate : thorax with a lateral gold line : shells with and punctured grooves : legs white : shanks blueish.
- Pulverulentus*. Cinereous ; head flat, caniculate.
Inhabits Tranquebar. Size of *C. squamosus*.
Snout very short : thorax with an impressed dorsal dot : shells striate punctured, immaculate.
- Squamulosus*. Green scaly : snout and thorax caniculate.
Inhabits China. and East India.
Shells downy and scaly, striate punctured.
The scales disappear with age, leaving the shells black and glabrous.
- Cretaceus*. White ; shells grooved, 1 spined, pointed.
Inhabits Guadeloupe ; resembles *C. lacteus*.
Snout bifid : thorax snowy with 3 impressed dots : shells grooved, the inner stria of which forms an erect spine before the tip.
- Cinereus*. Cinereous ; shells with a white dot at the base and 2 at the tip.
Inhabits Cayenne. body downy.
- Smaragdulus*. Greenish ; shells punctured, with a strong erect spine before and behind.
Inhabits Cayenne, less than *C. candidus*.
Snout emarginate : antennae ashy : thorax cylindrical, greenish, with a transverse subimpressed line.

- 8-tuberculatus.* Varied with cinereous and brown: shells punctured, gibbous behind, with 8 tubercles.
Inhabits *Cayenne*.
Snout slightly emarginate: *thorax* punctured cinereous with 3 brown lines: *body* cinereous: *tail* black.
- Servus.* Head and thorax dull ferruginous: shells brown with dots and spots.
Inhabits *Cayenne*.
Antennæ brown the first joint ferruginous: *head* with a black dot between the eyes: *snout* black, retuse at the end: *shells* striate punctured, ferruginous at the tips.
- Modestus.* Cinereous; thorax and shells spotted with brown.
Inhabits *New Zealand*. *Oliv. Inf.* 83. fig. 178.
Thorax broad, flat: *shells* striate.
- Flavescens.* Dusky; sides of the thorax and pointed shells yellow.
Inhabits *South America*; larger than *C. viridis*.
Shells very pointed: *body* yellowish: *legs* green.
- Pollinosus.* Scaly yellowish: shells pointed.
Inhabits *Austria*; resembles *C. viridis*.
- Lateralis.* Green, scaly: sides of the thorax and shells yellow.
Inhabits *East India*: size of the last.
Antennæ brown: shells obtuse at the end.
- Viridis.* Greenish; sides of the thorax and shells yellow.
Inhabits *Europe*. *Oliv. Inf.* 83. fig. 18.
- Gibber.* Greenish-white: shells 1-toothed at the bases gibbous behind,
Inhabits *Cayenne*. *Oliv. Inf.* 83. fig. 189.
Snout whitish, bifid, caniculate: *antennæ* white, the club black, *shells* substriate.
- Fulvus.* Fulvous; base of the head and legs brown, snout emarginate.
Inhabits *Saxony*; small.
Thorax gibbous, smooth: *shells* substriate.
- Palliatu.* Brown; edge of the thorax and shells cinereous.
Inhabits *Germany*. less than *C. viridis*.
Body beneath cinereous
- Aurifer.* Body ferruginous with gold spots.
Inhabits *America*. *Oliv. Inf.* 83. fig. 124.
Brown's Jamaica, 429. tab. 43. fig. 10
Snout flat, ferruginous, with 2 gold dots at the tip.: *shells* striate punctured, pointed, with numerous irregular gold dots and lines: *fore-legs* longer.

- Cyanipes*. White; shells with an abbreviated blue fillet: legs blue.
Inhabits *Cayenne*. *Oliv. Inf.* 83. fig. 190.
Antennae brown with a blue gloss: *snout* white; emarginate.
- Repandus*. Thorax brown with a lateral and dorsal cinereous line:
shells cinereous barred with brown, the edge and body
shining green.
Inhabits *Italy*: size of *C. tamarisci*.
Head grey: shells with oblique indented bands.
- Tamarisci*. Green polished: shells varied with green ferruginous black
and cinereous.
Inhabits *Africa*, on the *Tamariscus*.
- Splendidulus*. Shining-green; disk of the shells cinereous barred with
black.
Inhabits *Siberia*; resembles *C. argentatus*.
Head cinereous, the *snout* subtestaceous at the tip.
- Curvipes*. Covered with silvery scales: hind-shanks arched, ciliate
and toothed within.
Inhabits *East India*. *Oliv. Inf.* 83. fig. 84.
Head black: *thorax* and *shells* covered with silvery scales punctured.
- Morbillosus*. Thorax and shells varied with brown and cinereous, and
marked with numerous raised dots.
Inhabits *France* and *Barbary*; less than *C. nebulosus*.
Antennae cinereous: head blackish: *snout* with 2 grooves:
thorax and *shells* covered with numerous raised black dots:
abdomen dotted with black.
- * *Nebulosus*. Hoary; shells with oblique black bands.
Inhabits *Europe*. *Schæff. Icon. tab.* 25. fig. 3.
Snout thick blackish, carinate, with grey lines: *thorax* rough,
covered with whitish hair.
- Roridus*. Oblong, blackish: shells with abbreviated white bands and
dots.
Inhabits *Austria*. *Pall. Icon. tab.* A.
Snout with 2 grooves and a whitish spot each side near the
eyes: *thorax* rough, with a white cross each side and a dot
before: shells rough with 3 bands: *body* black: *abdomen* and
legs cinereous.
- Marmoratus*. Thorax rough, black with white lines: shells white with
nearly square scattered black spots.
Inhabits *Germany*; size of *C. nebulosus*.
Head black, with 2 ferruginous villous grooves: *body* and *legs*
cinereous.

Sulcirostris.

Sulcirostris. Oblong, cinereous, slightly clouded: snout with 3 grooves.
Inhabits Europe. *Oliv. Inf.* 83. fig. 24.

Porculus. Blackish varied with cinereous; retuse head and snout carinate.

Inhabits Hungary. *Swed. Trans.* 6. tab. 2. fig. 20.

Large; snout with a raised line in the middle, or rather 2-grooved: head very retuse before the base of the snout: antennæ pale ash: thorax rough, with a glabrous black line down the middle: shells subtriangular, mixed dusky and cinereous, with an oblong black spot behind: body black.

Emarginatus. Oblong, brown; back of the shells cinereous with 2 lines of impressed black dots.

Inhabits Saxony.

Snout with 2 grooves: antennæ cinereous at the tip: thorax with a whitish lateral line: shells with numerous raised dots, emarginate at the tips.

Perlatus. Black; abdomen white with raised black dots: snout grooved.

Inhabits China.

Snout with 2 grooves: thorax rough, with a whitish lateral line. abdomen villous.

Distinctus. Grey; shells with 2 distinct whitish dots, the fore one double.

Inhabits Hungary; size of the last.

Snout cylindrical, with 2 deep grooves covered with white down; thorax grey with a lateral interrupted whitish line: shells slightly striate, the future darker: body black: breast with ashy spots; abdomen with ashy bands.

Glaucus. Carinate snout and unequal thorax dusky: shells glaucous with a raised dot behind.

Inhabits Germany. *Panz. natur.* tab. 1. fig. 30.

Snout brown, above ferruginous with an elevated ridge down the middle: antennæ brown, the club cinereous: thorax varied with blackish and cinereous: body cinereous.

Obliquus. Cinereous: shells white on the back, with black oblique striæ and an arched black dot behind.

Inhabits Germany. Thorax with white striæ.

Albidus. Oblong, brown: shells whitish with a brown band in the middle and black at both ends.

Curculio candidus. *Herbst. Arch.* tab. 24. fig. 31.

Inhabits Germany, on plants.

Thorax with a whitish blotch each side before, dotted with black: abdomen whitish with lines of black dots.

- Dispar.* Oblong, brown spotted with cinereous down.
Inhabits *East India*.
The downy spots disappear with age.
- Vetula.* Grey; shells rugged, black with cinereous spots: snout deep black.
Inhabits *Tranquebar*; resembles the last.
Snout cylindrical, black: body grey.
- Lusitanicus.* Oblong, above brown: shells with a white spot at the base.
Inhabits *Lusitania*. *Oliv. Inf.* 83. tab. 16. fig. 202.
Body beneath with gilt scales.
- Cremulatus* Cinereous; shells with 3 black raised crenulate lines.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 729.
Antennæ grey, the club brown: head cinereous, brown on the back: shells with impressed dots each side the lines: legs brown.
- Punctatulus.* Black: shells striate with alternate silky black and white dots.
Inhabits *America*. *Oliv. Inf.* 83. fig. 119.
Head black with greyish down: shells with alternate lines of black and white dots.
- * *Incanus.* Oblong, brown: back of the thorax flat.
Inhabits *Europe*. *Paykull. monogr.* 102. 99.
Antennæ red towards the base, the first joint very long: shells striate, rounded: wings 0.
- Articulatus.* Black; thorax punctured: snout jointed at the base.
Inhabits *Austria*: middle sized.
Head globular: snout notched at the end: thorax gibbous: shells striate punctured: abdomen downy cinereous.
- Costatus.* Cinereous; thorax black with 4 cinereous lines.
Inhabits the south of *France*.
Antennæ ferruginous at the base: snout black, cinereous on the back.
- Melancholicus.* Brown: shells and flanks testaceous.
Inhabits *Germany*, less than *C. incanus*.
Snout cylindrical: thorax blackish with a pale lateral villous line: shells striate.
- Interruptus.* Dusky: shells with an interrupted white band.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 122.
Orbits white: thorax brown: scut white: shells striate, speckled with white: legs cinereous.

- Scutellaris* Black; shells with crenate striæ: fore-legs longer.
 Inhabits *Diemen's Land*. *Oliv. Inf.* 83. fig. 142.
Antennae black: *snout* grooved: *thorax* rough: *scutel* small, elevated: *shells* obtuse, and 1-toothed before the tip.
- * *ave'llanæ*. Black: shells with each a whitish lunule near the base and a white spot near the tip.
 Inhabits *England*. *Donovan's Eng. Ins.* vi. pl. 205. fig. 3.
- Longimanus*. Brown; thorax with a ferruginous edge and 2 dots: fore-legs longer.
 Inhabits *Brazil*.
Snout flat: *thorax* globular: *shells* striate, brown with a green gloss: *abdomen* greenish beneath: *fore-legs* black, the *shanks* and *thighs* ferrate; 4 *hind-legs* ferruginous, the *shanks* brown. *Thorax* and *shells* sometimes ferruginous with a black line.
- Spinifex*. Cinereous speckled with brown: thorax sharply spined.
Body gibbous: *snout* flat: *abdomen* blackish, with lines composed of whitish dots.
- Micans*. Gold-brown: legs ferruginous.
 Inhabits *Denmark*. *Schæff. Icon. tab.* 2. fig. 11.
- 3-lineatus*. Brown; thorax with 3 white lines; shells with alternate pale and dusky lines, and dotted with black.
 Inhabits *Germany*; size of *C. polygoni*.
Snout cylindrical with a whitish dot between the eyes: *shells* with each a pale spot near the tip.
- Polygoni*. Thorax grey with 3 white lines: shells cinereous with 3 brown lines: the suture dotted with black.
 Inhabits *Europe*. *Oliv. Inf.* 83. fig. 41.
Snout grey with a longitudinal white line.
- * *Griseus*. Above grey-brown, beneath cinereous: *snout* caniculate.
 Inhabits *England* and *Italy*; longer than *C. lineatus*.
- * *3-guttatus*. Blackish; shells grey with 2 white spots, the hind one larger common.
 Inhabits *England*. *Schæff. Icon. tab.* 43. fig. 9.
Snout grooved: *shells* substriate.
- Arundinis*. Yellowish; thorax with 2 brown dorsal lines.
 Inhabits *Germany*. *Paykull. Monogr.* 47. 44.
Snout cylindrical, incurved, black, yellowish on the back: *shells* substriate: *body* yellowish: *legs* brown.

- Moerens.* Above ashy-brown, beneath black : snout slightly grooved.
Inhabits *Saxony* : size of *C. griseus* : shells substriate.
- Gressorius.* Grey ; head and thorax black, with a white dorsal line.
Inhabits *Italy* ; middle size.
Head black with a whitish groove, beneath cinereous ; shells brown : abdomen cinereous.
- Geminatus.* Cinereous ; thorax with 3 brown lines : shells with numerous brown striæ in approximate pairs.
Inhabits *Keil* ; nearly globular.
Club of the antennæ ferruginous.
- Gramineus.* Black ; shells striate : antennæ and legs ferruginous.
Inhabits pastures of *Germany*.
Body ovate, club of the antennæ sometimes cinereous : thorax grooved, with a small tubercle each side : shells with crenate striæ, a little shorter than the abdomen : body beneath covered with cinereous down.
- Diadema.* Covered with yellowish down : snout retuse and black at the tip.
Inhabits *Cayenne* ; larger than *C. coryli*.
Snout dusky, black at the end : legs cinereous.
- Meles.* Grey ; back of the thorax brown with a whitish line : shells dotted with black, the suture whitish before the tip.
Inhabits *Germany* ; less than *C. coryli*.
Snout cylindrical, black : shells striate, sometimes inclining to ferruginous.
- * *Coryli.* Varied with cinereous and brown : suture of the shells black on the upper half.
Inhabits *England*, on the hazel nut.
Snout black at the tip : thorax and shells glabrous.
- * *Lineatus.* Brown ; thorax with 3 paler stripes.
Inhabits *Europe*. *Schæff. Icon. tab. 103. fig. 8.*
- * *Lunatus.* Shells with raised lines, a semicircular white band, and a white spot behind in which is a black lunule.
Inhabits *England*. Taken near *Richmond*.
Snout cinereous with an impressed frontal point : shells cinereous with a white semicircular band reaching from the angle of the shoulder to the middle of the suture ; behind this is a large white spot with a common black lunule in the middle : legs banded with brown.

Caninus. Brown; 3 lines on the thorax, and shells chefnut-brown.
Inhabits *Germany*; size of *C. lineatus*.
Antennæ black, the first joint rufous: *snout* grooved: *orbits* pale:
shells substriate.

Cinereascens. Cinereous, brown on the back:
Inhabits *Italy*; size of *C. lineatus*.
Antennæ testaceous: *legs* pale testaceous.

Fulvipes. Downy cinereous: legs testaceous.
Inhabits *Saxony*. *Paykul. Monogr.* 114. 109.
Snout flat: *body* pubescent, green: *abdomen* covered with silvery
down: *antennæ* brown.

Ruficollis. Testaceous; head and striate shells ashy-brown.
Inhabits *Saxony*; small.
Antennæ rufous, the club brown: *thorax* smooth: *body* testaceous.

Fulvicornis. Chefnut-brown; shells with waved cinereous bands.
Inhabits *Europe*. *Paykull. Monogr.* 109. 105.

Pilosus. Cinereous, hairy: antennæ black.
Inhabits *Germany*; small.
Body covered with erect hairs: *thorax* sublineate.

Undatus. Brown; shells pale at the tip with a waved brown streak.
Inhabits *Europe*. *Paykul Monogr.* 108. 104.

Hispidulus. Brown; thorax with 3 cinereous lines: shells rough and
striate with darker dots.
Inhabits *Germany*. *Paykull. Monogr.* 110. 106.
Thorax punctured, with a cinereous dot each side: *legs* blackish.

Hirsutulus. Cinereous; rough: shells striate: antennæ and legs yellowish.
Inhabits *Germany*. *Payk. Monogr.* 92. 89.
Snout obtuse, brown: *body* covered with erect thick grey hairs.

Scabriculus. Cinereous; head and thorax caniculate: shells hispid.
Inhabits *Sweden*. *Payk. Monogr.* 91. 88.
Head and *snout* grooved: *thorax* rough with raised dots: *shells*
striate.

Limbatus. Black; marginal stripe down the shells and scutel gilt.
Inhabits *Europe*. *Payk. Monogr.* 95. 92.
Eyes prominent: *thorax* rounded: *shells* substriate, punctured.

Parvulus. Green; antennæ and shanks testaceous.

Inhabits *Italy*; small.

Antennæ pale testaceous: head, thorax and shells green scaly: thighs brown.

Viridicollis. Thorax green scaly: shells striate black.

Inhabits *Germany*; size of *C. argentatus*.

Antennæ ferruginous: shells striate punctured: legs blackish, sometimes testaceous.

* *Cervinus.* Grey; shells with an obsolete white dot at the base: antennæ reddish at the base.

Inhabits *Europe*. *Degeer, Inf.* 5, 220, 13.

Striatus. Brown; shells striate, cinereous dotted with black.

Inhabits *Barbary*; small.

Thorax with a cinereous dorsal line.

Lacerta. Grey; shells striate: antennæ tipped with black.

Inhabits *East India*; 3 times the size of *C. cervinus*.

Thorax rounded, darker at the sides: shells with crenate striæ: meeting behind.

Velox. Hairy, black: shells white on the margin, with a white interrupted band and dot at the base and tip.

Inhabits *Cayenne*.

Head carinate: thorax with a lateral white line.

Seminulus. Black, immaculate: shells ovate, striate punctured.

Inhabits *Hungary*; small.

Ruficornis. Black; antennæ rufous: thorax with 2 tubercles each side.

Inhabits *Europe*, on plants: shells striate.

Chloropus. Cylindrical, black: shells striate: antennæ and legs rufous.

Inhabits *Europe*. *Paykul. Monogr.* 116. 110.

Canicularis. Cylindrical, black: legs rufous: thorax caniculate.

Inhabits *South American Islands*; small.

Thorax channelled at the base: shells striate punctured.

Multipunctatus. Black, opaque: shells with numerous whitish dots.

Inhabits *Saxony*; resembles *C. nigrita*.

Snout notched at the end, with a raised dorsal line: thorax gibbous: shells substriate.

- * *Tristis*. Black; shells cinereous, grooved.
Inhabits *England* and *Sweden*; middle sized.
- Raucus*. Black; shells striate, brown with cinereous spots.
Inhabits *Saxony*. *Payk. Monogr.* 97. 94.
Antennæ piceous: *thorax* rough: *body* black.
- Adspersus*. Black; shells spotted behind with white.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 156.
Body ovate: *thorax* subglobular, with an obsolete white spot
each side at the base: *shells* with crenate striæ: *legs* long.
- Punctatus*. Brown; shells with raised silky dots.
Inhabits *Sweden*. *Payk. Monogr.* 111. 107.
Body ovate: *thorax* gibbous: *shells* striate punctured, and marked
with alternate black and white silky dots.
- Obscurus*. Ovate, dull ferruginous.
Inhabits *Sweden*: *Payk. Monogr.* 98. 95.
Shells with raised obsolete lines.
- Maxillofus*. Ovate, black: jaws exerted, curved.
Inhabits *Hungary*: size of *C. niger*.
Thorax gibbous polished: *shells* smooth, striate.
- Niger*. Ovate, rough, black: legs rufous.
Inhabits *Germany*. *Payk. Monogr.* 201. 198.
Legs rufous, the joints and ends black.
- Lævigatus*. Black, polished: snout emarginate.
Inhabits *Germany*, under stones.
- Rotundatus*. Black; shells striate punctured: antennæ and legs rufous.
Inhabits *Germany*; small.
Antennæ ferruginous, the knob brown: *thorax* cylindrical:
shells with a green gloss: *thighs* black.
- Variolosus*. Black; thorax carinate, variolous: shells striate.
Inhabits *Saxony*; size of *C. punctatus*.
Thorax with hollow confluent dots: *shells* connected pointed
behind.
- Sticticus*. Thorax and shells variolous, black dotted with white.
Inhabits the *Cape of Good Hope*: small.
Thorax black dotted with white: *shells* dotted with white, with
a white band near the tip: *legs* and *body* white.

- Valgus*. Black, shining: shells striate punctured: thighs with a cinereous ring.
Inhabits *America*; middle-sized.
- Succinctus*. Black; shells with a white margin and 2 small lines.
Inhabits the *Cape of good Hope*; large, oblong.
Head grooved: *thorax* punctured, with a lateral white line: *shells* punctured, gibbous behind.
- Chamæleon*. Brassy; surface of the shells and abbreviated band green-gold.
Inhabits *Jamaica*. *Oliv. Inf.* 83. fig. 166.
- Vittatus*. Black; shells with abbreviated red and white striae.
Inhabits *America*. *Oliv. Inf.* 83. fig. 192.
The larva devours the roots of the *Cirtus medica*.
Snout flat above: *thorax* flat, smooth: *body* beneath black: *breast* spotted with white.
- Spengleri*. Shells yellow, with abbreviated glabrous black lines.
Inhabits *America*. *Oliv. Inf.* 83. fig. 82.
Shells rarely cinereous with black lines.
- Bivittatus*. Black; shells striate punctured, with a marginal and interrupted dorsal yellow band.
Inhabits *St. Thomas Island*. *Oliv. Inf.* 83. fig. 23.
Between the second and third pair of *feet* a white line.
- Lividus*. Grey; thorax and shells spotted with cinereous and black,
Inhabits *America*. *Oliv. Inf.* 83. fig. 59.
Large, *snout* grey ferruginous: *thorax* with 3 cinereous lines and black raised dots.
- Pulcher*. Shells black, with 6 dorsal approximate abbreviated white streaks.
Inhabits *Jamaica*. *Oliv. Inf.* 83. fig. 130.
Head and *thorax* black, polished, punctured: *shells* with a small red marginal streak.
- Festivus*. Shells yellowish, with abbreviated black streaks and a sanguineous marginal one.
Inhabits *South American Islands*.
Snout black, 2-grooved: *antennæ* black: *thorax* black, the sides and numerous impressed dots yellow: *body* black: base of the *abdomen* a little pale.

- Histrionicus*. Grey; thorax with lateral fulvous lines: shells white with black and fulvous spots.
Inhabits the *Cape of Good Hope*.
Thorax with a whitish margin: *abdomen* whitish with a longitudinal line of whitish dots each side: *legs* black.
- Robrii*. Shells pointed, grey, the base of the margin yellowish.
Inhabits *American Islands*.
Snout black, with 2 grooves: *thorax* brown speckled with white: *legs* black.
- Impressus*. Black; thorax and shells with white impressed dots.
Inhabits *Jamaica*. *Oliv. Inf.* 83. fig. 186.
Snout black with a white line each side: *shells* striate punctured, with 2 lines of white dots.
- Albipes*. Black; thorax angled: shells tuberculate, white at the base and tip.
Inhabits *Madagascar*. *Oliv. Inf.* 83. tab. 9. fig.—
Snout thick: *orbits* cinereous: *legs* white, base of the *thighs* and *tarsi* black.
- Rivulosus*. Black; thorax with rufous spots: shells with 3 impressed cinereous lines.
Inhabits *East India*. *Olivier's Insects*. 83. tab. 11. fig. 133.
Snout thick, grooved: *thorax* caniculate: *shells* with crenate striæ, the middle ones marked with a double ring.
- Depressirostris*. Varied with cinereous and brown: snout depressed, flat black at the tip.
Inhabits *Saxony*.
Shells striate, tuberculate: *legs* variegated, the *fore-thighs* long incurved.
- Marginellus*. Black; margin of the thorax and shells white.
Inhabits *Africa*; less than *C. verrucosus*.
Snout grooved: *thorax* rough with raised dots: *shells* rough.
- Verrucosus*. Brassy-black with raised dots: shells with a large tubercle behind.
Inhabits the *Cape of good hope*. *Oliv. Inf.* 83. fig. 125.
Shells with 3 raised striæ and between them 2 lines of impressed dots.
- Capensis*. Black; thorax with raised dots: shells with crenate striæ.
Inhabits the *Cape*. *Oliv. Inf.* 83. fig. 52. *snout* grooved.

- 6-vittatus.* Black; thorax rough, with white lines: shells acuminate.
Inhabits———*Oliv. Inf. 83. tab. 12. fig. 149.*
Snout obtuse: shells with 3 broad white bands.
- Vitulus.* Black; front 2-toothed: shells 1-spined,
Inhabits *Terra del Fuego.*
Snout grooved: between the eyes 2 sharp spines: thorax rugged
with 2 raised dots before: shells carinate, rugged.
- Inequalis.* Grey; thorax unequal, prominent before: shells grooved 2-
toothed behind: snout with 3 grooves.
Inhabits the *Cape.* *Oliv. Inf. 83. fig. 164.*
Thorax channelled, with an obtuse projection before: shells
grooved, slightly toothed, with 2 larger distinct teeth behind.
- Acuminatus.* Cylindrical, brown: shells pointed at the tip.
Inhabits *New Zealand.* *Oliv. Inf. 83. fig. 139.*
Long, narrow: antennæ brown: shells striate, ending in a pro-
jecting spine: legs ferruginous.
- Capistratus.* Brown; shells pointed, with crenate striæ: snout grooved.
Inhabits the *Cape of Good Hope*; large.
Snout with numerous furrows: antennæ piccous: thorax rough
with raised dots.
- Emeritus.* Black; thorax and shells spinous: front excavated.
Inhabits *India.*
- Pustulatus.* Black; thorax punctured: shells striate and tuberculate.
Inhabits *East India.*
Antennæ as if broken: snout cylindrical, rough: shells striate
with tubercles placed obliquely 3, 3, 2, and 2 marginal
cinereous spots: legs rough.
- Crispatus.* Thorax carinate, rough: shells with 3 raised toothed lines.
Inhabits the *Cape.* *Oliv. Inf. 83. fig. 160.*
Snout grooved: thorax with large raised tubercles: shells with 3
raised toothed striæ, and between these lines of black raised
dots.
- Cultratus.* Cinereous; thorax with 2 compressed tubercles: shells
tuberculate, cinereous behind.
Inhabits *New Holland.* *Oliv. Inf. 83. fig. 157.*
Snout black: antennæ brown: thorax rough, paler on the fore-
edge: shells with crenate lines and 6 or 7 scattered tubercles:
legs grey.

- Tribulus*. Cinereous; thorax rough, impressed before: shells spinous.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 161.
Thorax rough, with a larger impressed dot before: shells with numerous erect sharp spines, the hind-ones near the future larger.
- Quadridens*. Cinereous; thorax rough: shells spinous, the 4 hind ones longer.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 187.
Antennæ cinereous, the last joint brown: snout grooved on the back: thorax rough with very obtuse warts.
- 4-spinosus*. Whitish; shells with 4 spines: snout brown.
Inhabits the *Cape of good Hope*.
Snout channelled: thorax rounded: shells with 4 strong spines, a single one near the tip: legs white.
- Glaucus*. Whitish; thorax channelled; shells spinous, with 3 red lines at the base.
Inhabits *New Holland*. *Oliv. Inf.* 83. fig. 168.
Snout reddish on the back: shells with numerous spines, 2 lateral ones at the base and 2 dorsal ones near the tip longer: legs white.
- Nodulosus*. Thorax with 6 knobbed lines: shells spinous.
Inhabits the *Cape*. *Olivier's Insects.* 83. fig. 188.
Snout with a channel which is dilated at the tip: thorax grey with 6 lines composed of black polished knots: shells grey: legs cinereous.
- Rubifer*. Cinereous: thorax rough: shells with raised red spines.
Inhabits the *Cape*. *Oliv. Ins.* 83. fig. 159.
Resembles the next, but the thorax is more grooved, and the spines on the shells shining red.
- Globifer*. Thorax rough: shells spinous, pointed behind.
Inhabits the *Cape*. *Oliv. Ins.* 83. fig. 135.
Snout smooth, thickened at the tip: thorax rounded, with numerous black raised dots: shells and legs black: thorax sometimes with a spine each side.
- Pilularius*. Thorax each side spinous, warty: shells with tuberculate striæ, pointed behind.
Inhabits the *Cape of good hope*.
Snout flat: thorax spinous each side, with numerous black globules: shells and legs black.

- Glandifer.* Dusky; thorax rough: shells with 3 raised spinous lines.
Inhabits the *Cape of good hope*.
Snout grooved on the back: shells with 3 raised subspinous striæ:
legs dusky.
- Speciosus.* Body yellow with a green gloss: shells with scattered
spines.
Inhabits *America* and *India*. Shells with each 5 spines.
- Rufipes.* Oblong, cinereous: legs rufous.
Inhabits *Europe*. *Fn. Suec.* 634.
- Ater.* Oblong, black: antennæ rufous.
Inhabits *Europe*. *Bonsd. Curc. Suec.* 2. fig. 20.
Is probably only a variety of *C. chloropus*.
- Frontalis.* Black: snout retuse: thorax and shells with rows of tuber-
cles.
Inhabits the *Cape*. *Stockh. Trans.* 1785. p. 43. n. 14.
Thorax with 4 lines of tubercles; shells with 3.
- Granula-
tus.* Green, striate, with black raised dots.
Inhabits *Soub America*. *Mus. Lud. ulr.* 61.
- Subfuscus.* Brown; shells grey with black raised abbreviated striæ.
Inhabits *Martinico*. *Mus. Lud. Ulr.* 62.
- Niposus.* Thorax and shells tuberculate in rows, with snowy lines.
Inhabits the *Cape*. *Stockh. Trans.* 1785. p. 41. n. 11.
Body beneath covered with whitish and yellowish scales.
- NyctHEME-
rus.* White; thorax and shells black on the upper part with
longitudinal alternate white and black bands each side:
abdomen black, the sides with snowy spots.
Inhabits the *Cape*. *Stockh. Trans.* 1785. p. 42. n. 12.
- Argus.* Downy; head and anterior margin of the thorax dotted
with grey and white; shells with raised lines spotted
and dotted with white and cinereous.
Inhabits the *Cape*. *Stock. Trans.* 1785. p. 43. n. 15.
- Porculatus.* Brown-cinereous, hairy: thorax with 5 lines: shells with
2 white spots behind.
Inhabits the *Cape*. *Stock. Trans.* 1785. p. 45. n. 20.
- Tottus.* Ashy and brownish-red: snout with 3 lines: legs often
reddish.
Inhabits the *Cape*. *Stock. Trans.* 1785. p. 45. n. 21.

- Atratus*. Smoothish, shining black: shells striate, the interstices with impressed dots.
Inhabits the Cape. *Stock. Trans.* 1785. p. 46. n. 22.
- Cordiger*. Thorax heart-shaped, nearly double, spinous each side: shells striate punctured.
Inhabits the Cape. *Stock. Trans.* 1785. p. 46. n. 23.
- Tauriculus*. Black; front rounded, punctured: thorax bicarinate, punctured, rugged: shells with 4 tuberculate lines, the lower ones abbreviated.
Inhabits the Cape. *Stock. Trans.* 1785. p. 47. n. 25.
- Juvencus*. Front excavate retuse: thorax rough, 1-toothed each side: shells with a triple abbreviated row of tubercles each side.
Inhabits the Cape. *Stock. Trans.* 1785. p. 47. n. 26.
- Ephippia-*
tus. Thorax rough, with tabercles and ridges: shells with a row of pines each side occupying the fourth part, the future with connivent spinules.
Inhabits the Cape. *Stock. Trans.* 1785. p. 47. n. 27.
- Cuculatus*. Front depressed, rough: thorax projecting forwards and with the snout 2-grooved: shells 2-tubercled behind.
Inhabits the Cape. *Stock. Trans.* 1785. p. 48. n. 28.
Body grey: antennæ and eyes black: legs with black spots.
- Iva*. Black; head emarginate: thorax hollowed before: shells with scattered globules and a ferruginous spot at the base: a ferruginous spot at each side of the thorax and on the thighs.
Inhabits the Cape. *Stock. Trans.* 1785. p. 49. n. 29.
- Biglobatus*. Black; snout grooved: thorax globular, punctured, very rough; shells punctured with 2 rows of tubercles each side.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 49. n. 30.
- Calvus*. Black; thorax rough with raised dots each side, the disk nearly smooth: shells with raised lines, the hollows with impressed dots.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 50. n. 34.
- Senilis*. Brown spotted with grey: thorax roundish: shells with raised distant lines by threes or fives, the interstices flat with impressed dots.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 50. n. 35.

- Platina.* Beneath and sides shining with white silvery and green-gold: above and legs grey: shells with longitudinal black bands.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 50. n. 36.
- Gallina.* Grey, beneath hoary: thorax each side with 5 curved oblique grooves: shells slightly striate.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 51. n. 37.
- Argynellus.* Silvery-green: eyes black: snout black above, with a longitudinal black impressed line.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 51. n. 39.
- Nigellus.* Blackish, beneath reddish-grey: antennæ straight: thorax and shells with small spines.
Inhabits the Cape. *Stockh. Trans.* 1785. p. 52. n. 40.
- Bonjdorfi.* Oblong, clear white with a black band and spots: snout brown, 2-grooved.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 21. fig. 6.
- Tereticollis.* Ovate-oblong; head and thorax cylindrical, narrow: shells cinereous with black blotches.
Inhabits Sweden. *Bonjd. Curc. Suec.* p. 28. fig. 14.
- Lineellus.* Oblong, ashy-brown: thorax with 3 paler stripes: shells with a longitudinal whitish line each side.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 30. f. 18.
- Echinatus.* Ferruginous; abdomen globular: shells covered with thick erect strong bristles.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 33. fig. 23.
Body beneath brown; tail rufous.
- Trunculus.* Black; abdomen subglobular: snout very short: antennæ and legs rufous.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 33. fig. 23.
- Capitatus.* Ashy-brown; sutures of the shells black at the base: snout very short, broad: abdomen subglobular.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 33. fig. 24.
- Asperatus.* Cinereous; abdomen ovate: shells rough with very short erect bristles,
Inhabits Upsal. *Bonfd. Curc. Suec.* p. 34. fig. 25.
- Suecicus.* Ovate, very obtuse behind, dusky: thorax slightly carinate: antennæ and legs brown.
Inhabits Sweden. *Bonfd. Curc. Suec.* p. 37. fig. 30.

- Murinus*. Ovate; grey-brown: shells with pale spots, bristly behind: snout grooved,
Inhabits Sweden. *Bonjd. Curc. Suec. p. 37. fig. 31.*
- Clavipes*. Ovate-oblong, gibbous, black; antennæ dark brown; legs long, rufous: thighs clavate, thick.
Inhabits Sweden. *Bonjd. Curc. Suec. p. 40. fig. 36.*
- Inderiensis*. Ovate, apterous, opal-white: thorax mucronate each side: shells with hollow punctures.
Inhabits Russia. *Pall. Inf. Ross. tab. B. fig. 5.*
- Nomas*. White; snout thick, with 2 raised lines: thorax very rough: shells brown, obliquely barred.
Inhabits Russia. *Pall. Inf. Ross. tab. B. fig. 6.*
Found in the dryest deserts, round salt lakes.
- Candidatus*. White clouded: snout thick with a forked line: back of the thorax cinereous with a snowy line and 2 dots.
Inhabits Russia. *Pall. Inf. Ross. tab. B. fig. 7.*
- Roralis*. Apterous; reddish-white with black blotches and raised dots above: snout thick with a longitudinal raised line.
Inhabits Russia. *Pall. Ins. Ross. p. 28. tab. B. fig. 8.*
Found in the dry deserts near the *Volga*, round the roots of the *Salsola* and *Atriplex*.
- Cenchrus*. Whitish; thorax and shells with cinereous confluent bands dotted with black: snout thick with a single raised line.
Inhabits near the *Volga*. *Pall. Inf. Ross. tab. B. fig. 9.*
- Tetragrammus*. Apterous, pale cinereous: thorax brown with 4 milk-white lines: shells with 4 black blotches.
Inhabits southern Russia. *Pall. Inf. Ross. tab. B. fig. 10.*
- Tribuloides*. Thorax 2-crested, rough: shells with conic spines behind and at the angles: snout thick.
Inhabits America. *Pall. Ins. Ross. tab. B. fig. 11.*
- Nigrivittis*. Cylindrical, whitish: head and thorax subcarinate, with a longitudinal brown band each side.
Inhabits the dry *Caspian* deserts; is very common and about 8 lines long. *Pall. Inf. Ross. tab. B. fig. 12.*

- Vibex.* Cylindrical, clear white: thorax and shells with a black longitudinal streak each side.
Inhabits Senegal. *Pall. Ins. Ross. tab. B. fig. 13.*
- Fenetratus.* Apterous, white; snout thick: shells with 6 brown rhombic spots.
Inhabits Russia. *Pall. Ins. Ross. tab. 11. f. B. 16.*
- Flaviceps.* Apterous, whitish: head yellowish, the sides rufous: snout thick: thorax and shells with white lines interrupted with brown.
Inhabits Russia and Tartary. *Pall. Ins. Ross. tab. B. fig. 17.*
- Pisus.* White; snout thick: thorax with 3 brown stripes, shells with an arched one.
Inhabits Russia. *Pall. Ins. Ross. tab. 11. fig. B. 18.*
- Hololeucos.* Subcylindric, white, immaculate: snout thick: eyes black.
Inhabits the Caspian deserts, *Pall. Ins. Ross. tab. 11. fig. B. 19.*
- Tenebrioides.* Apterous, deep black, glabrous: shells smooth.
Inhabits the Caspian deserts. *Schaff. Icon. tab. 62. fig. 11.*
- Albator.* Oblong, winged, black: shells shining, punctured, pubescent behind, with lateral snowy bands.
Inhabits Brasil; large. *Pall. Ins. Ross. tab. B. fig. 21.*
- Novæ Boracensis.* Hoary; shells subfastigate, with 5 whitish striæ dotted with black: scutel yellowish.
Inhabits New York. *Forst. Nov. Ins. p. 35. n. 35.*
- Melano-grammus.* Hoary; surface of the shells polished black on the fore-part: snout very short.
Inhabits England. *Forst. nov. Ins. p. 36. n. 36.*
- Plagiatus.* Subglobular; shells with rows of impressed dots and alternate cinereous and brown stripes.
Inhabits Germany. *Aët. Hall. 1. p. 284.*
- Cinereus.* Oblong, cinereous: shells clouded with whitish, a whitish band on the hind-part.
Inhabits Saxony. *Schall. Aët. Hall. 1. p. 285.*
- Sericus.* Body silvery-green: antennæ and legs rufous: hind thighs slightly toothed.
Inhabits Saxony. *Schall. Aët. Hall. 1. p. 286.*
- Tenebricosus.* Black, polished: eyes brown: shells pointed, with hollow dots.
Inhabits Berlin. *Herbst. Arch. 5. tab. 24. fig. 27.*

- Faber.* Black; snout broad: antennæ brown: shells with 8 rows of hollow dots.
Inhabits Germany. *Herbst. Arch. 5. tab. 24. fig. 28.*
- Major.* Black with whitish down: thorax punctured rough, as long as the snout: shells striate punctured.
Inhabits Berlin; large. *Herbst. Arch. 5. tab. 24. fig. 29.*
- Linzenfis.* Apterous, brown: sides of the thorax and shells rufous.
Inhabits Austria. *Schranck. Ins. Aust. p. 123. n. 234.*
- Splendidus.* Green, very narrow: eyes brown; antennæ and legs brownish: shells striate punctured.
Inhabits Berlin. *Herbst. Arch. 5. tab. 24. fig. 30.*
- Trivialis.* Cinereous; thorax with 3 obsolete white lines: shells with brown spots.
Inhabits Berlin. *Herbst. Arch. 5. p. 82. n. 73.*
- Arenarius.* Head hoary: granulate thorax and legs black: shells grey, striate punctured.
Inhabits Berlin. *Herbst. Arch. p. 82. n. 74.*
- Berolinensis.* Whitish, beneath varied: thorax rough black, varied at the sides: shells with 2 undulated black bands.
Inhabits Berlin. *Herbst. Arch. 5. tab. 24. fig. 31.*
- Globatus.* Head and thorax brownish with a brassy gloss: margin of the thorax and 2 bends down the middle cinereous; abdomen subglobular: shells striate punctured, the interstices with alternate cinereous and brownish bands and obsolete whitish spots.
Inhabits Berlin. *Herbst. Arch. 5. tab. 24. fig. 32.*
- Piverræ.* Dirty cinereous: snout broad: thorax rough, turgid before, grooved down the middle: shells striate, the interstices rough.
Inhabits Pomerania. *Herbst. Arch. 5. p. 83. n. 77.*
Hardly a line and a half long: antennæ brown.
- Herbstii.* Cinereous; thorax subglobular, granulate: shells rounded, striate, with gold-red ocellate spots.
Inhabits Berlin. *Herbst. Arch. 5. p. 84. n. 78.*
- Pyricola.* Narrow, black: beneath and antennæ chestnut: thorax granulate: shells grooved.
Inhabits Germany. *Herbst. Arch. Ins. 5. p. 84. n. 79.*
Vol. II.—L. 1. *Granulatus.*

- Granulatus.* Apterous, blackish, covered with reddish-gold scales: shells slightly grooved, with numerous rows of scaly dots.
Inhabits Germany. *Herbst. Arch. tab. 24. fig. 33.*
Shells dull testaceous: legs semipellucid.
- Piniperda.* Tawny; thorax elongated, punctured, shells striate punctured: thighs slightly toothed.
Inhabits Germany. *Herbst. Arch. 5. p. 84. n. 81.*
- Suturalis.* Long, cinereous a little varied with brown: beneath, sides and suture white: antennæ and eyes black.
Inhabits Germany. *Herbst. Arch. 5. tab. 24. fig. 34.*
- Eremiva.* Above yellowish hairy: thin snout and subpunctured thorax black: antennæ and striate punctured shells black.
Inhabits Germany. *Herbst. Arch. 5. p. 85. n. 83.*
- Bruchoides.* Thorax and abbreviated shells black, granulate and striate.
Inhabits Germany. *Herbst. Arch. 5. p. 85. n. 84.*
Body round, thick: snout pendulous: very small.
- Singularis.* Cinereous; shells striate punctured, the punctures hollow and raised in the centre.
Inhabits Portugal. Thighs clavate.
- Carinatus.* Black; thorax subcarinate: shells angular, tuberculate.
Inhabits Portugal. Snout nearly as long as the thorax.
- Oedematosus.* Black, polished: shells red.
Inhabits Europe, *Sulz. Hist. Inf. tab. 4. fig. 10.*
- Cypri.* Grooved, with a longitudinal dorsal black line.
Inhabits Cyprus. *Hasselq. It. p. 449. n. 100.*
- Albidus.* Apterous; above whitish, beneath pale rosy: thorax bicuspidate: shells grooved, with hoary dots.
Inhabits Russia. *Lepech. It. 1. tab. 17. fig. 7.*
- Bipunctatus.* Thorax rough: shells clouded, with 2 black polished dots at the tip.
Inhabits Siberia. *Lepech. It. 2. tab. 11. fig. 25.*
- Guttatus.* Black with a reddish down dotted with black: shells with transparent dots.
Inhabits Siberia. *Lepech. It. 2. tab. 11. fig. 30.*
- Populneus.* Black: thighs pale.
Inhabits Italy. *Scopol. Ent. Carn. n. 74.*

- Piger.* Fore-thighs clavate: snout with 6 raised lines, the lateral ones joined at the tip.
Inhabits Italy. Scopol. Ent. Carn. n. 65.
- Iners.* Snout with a single raised line: shells with 10 dotted lines.
Inhabits Italy. Scopol. Ent. Carn. n. 68.
- Resinosus.* Black, rough: abdomen beneath and tip of the shells whitish.
Inhabits Italy. Scopol. Ent. Carn. n. 67.
- Picatus.* Piceous; abdomen black; beneath whitish: thighs clavate.
Inhabits Italy. Scopol. Ent. Carn. n. 69.
- Erraticus.* Snout concave at the tip: shells subvillous striate, the third stria tuberculate.
Inhabits Italy. Scopol. Ent. Carn. n. 70.
- G. album.* Varied with coppery and black; shells with an arched white line at the outer angle of the base.
Inhabits Italy. Scopol. Ent. Carn. n. 99.
- Sensitivus.* Black; thighs fulvous tipped with black.
Inhabits Italy. Scopol. Ent. Carn. n. 100.
- Nemoreus.* Apterous, black, opaque: head glabrous; snout bifid: thorax and shells rough, pointed.
Inhabits Italy. Scopol. Ent. Carn. n. 101.
- Morus.* Snout 2-grooved on the back: abdomen behind with fulvous down: fore-thighs thicker.
Inhabits Italy. Scopol. Ent. Carn. n. 102.
- Zoilus.* Snout deflected: shells striate, punctured with black.
Inhabits Italy. Scopol. Ent. Carn. n. 103.
- Quercinus.* Black; scutellum 3-lobed, the fore-one white: shells with a white dot.
Inhabits Italy. Scopol. Ent. Carn. n. 106.
- Carniolicus.* Black; thorax whitish: shells with 5 black lines dotted with white.
Inhabits Italy. Scopol. Ent. Carn. n. 107.
- Villosulus.* Rufous; subvillous: shells with 2 obsolete darker bands.
Inhabits Italy. Scopol. Ent. Carn. n. 108.

- Præcox*. Ferruginous ; shells striate, subvillous.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 109.*
- Tricolor*. Black ; thorax with 2 white dots : shells punctured, the inner margin white and marked with 2 yellow lines.
Scopol. Ann. Hist. Nat. 5. p. 91. n. 45.
- Dentirostris*. Ovate, black ; snout 4-toothed at the tip,
Inhabits *Denmark*. *Mull. Zool. Dan. p. 45. n. 541.*
- Tardus*. Blackish ; thorax and shells each side rufous, with a black spot at the tip.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 942.*
- Nodosus*. Hoary ; shells striate with minute tubercles.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 948.*
- Longicornis*. Blackish ; thorax hairy ; shells cinereous with yellowish spots : legs and antennæ rufous.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 949.*
- Opacus*. Entirely grey and quite smooth.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 950.*
- Bicolor*. Grey : antennæ and legs reddish.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 951.*
- Maculosus*. Ovate, dull yellowish : shells with yellow spots.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 952.*
- Suturatus*. Ovate, buff : shells with 3 raised lines, the suture carinate behind.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 86. n. 955.*
- Terlineatus*. Long, cinereous : thorax 3-lined : antennæ black.
Inhabits *Norway*. *Mull. Zool. Dan. p. 86. n. 956.*
- Mollis*. Grey gilt : shells soft.
Inhabits *Norway*. *Aët. Nidr. 4. p. 12. tab. 16. fig. 6.*
- Undulatus*. Grey, shining ; shells with waved ferruginous bands.
Inhabits *Norway*. *Aët. Nidr. p. 13.*
- Bispinus*. Blue ; thorax spinous each side : antennæ black.
Inhabits *Europe*. *Schaff. Icon. tab. 6. fig. 4.*
- Inermis*. Violet : thorax with an impressed dot each side : antennæ black.
Inhabits *Europe*. *Schaff. Icon. tab. 56. fig. 8.*

Fuscatus.

- Fuscatus.* Black-brown; thorax with a cinereous stripe each side: shells with a double transverse one.
Inhabits France. Geoffr. *Ins. par.* 1. p. 280. n. 7.
- Fimbriatus.* Black; thorax punctured: shells alternately striate and punctured.
Inhabits France. Geoffr. *Ins. par.* p. 281. n. 9.
- Exaratus.* Oblong, black: thorax punctured: shells grooved,
Inhabits France. Geoffr. *Ins. par.* p. 282. n. 11.
- Squamulosus.* Clothed with shining scales: thorax and shells with longitudinal stripes.
Inhabits France. Geoffr. *Ins. par.* p. 284. n. 14.
- Geoffræi.* Rufous, subvillous: head blackish.
Inhabits France. Geoffr. *Ins. par.* p. 284. n. 15.
- Gramineus.* Blue-green, shining: thorax punctured: shells striate.
Inhabits Europe. Geoffr. *Ins. par.* p. 284. n. 16.
- Dolorosus.* Oblong, black: abdomen scaly, the sides white.
Inhabits France. Geoffr. *Ins. par.* p. 285. n. 17.
- Denticulatus.* Ovate, ashy-black: thorax toothed each side.
Inhabits France. Geoffr. *Ins. par.* p. 288. n. 24.
- Aculeatus.* Roundish, black, scaly: shells striate: thorax prickly each side, the sides and line down the middle white.
Inhabits France. Geoffr. *Ins. par.* p. 288. n. 25.
- Subglobosus.* Subglobular, black-cinereous, striate: snout as long as the thorax.
Inhabits France. Geoffr. *Ins. par.* p. 289. n. 26.
- Erythroleucos.* Globular, rufous: shells striate with a white band.
Inhabits France. Geoffr. *Ins. par.* p. 289. n. 27.
- Leucozonius.* Globular, black: shells striate with a white band,
Inhabits France. Geoffr. *Ins. par.* p. 289. n. 28.
- Spinosus.* Brown, spinous: shells with raised lines and prickly down.
Inhabits France. Geoffr. *Ins. par.* p. 412. n. 97.

- Armus.* Black; scutel whitish: shells with denticulate striæ each side.
Inhabits France. Geoffr. *Inf. par.* p. 290. n. 31.
- Marmoreus.* Livid; shells with numerous dusky bands.
Inhabits France. Geoffr. *Inf. par.* p. 291. n. 33.
- Bohemicus.* Body, head and antennæ black: thorax papillous: shells hoary with 4 rows of cinereous papillæ.
Inhabits Bohemia. Act. Bohem. p. 34.
Body subglobular: size of *Dermestes pellio*.
- Rotundatus.* Apterous: body oblong, polished, black, smooth.
Inhabits Europe. Degeer, *Inf.* 5. tab. 7. fig. 22.
- Multicolor.* Subglobular: reddish-brown, with yellow-grey dots: shells carinate.
Found on the Alder. Degeer's *Insects*, 5. p. 244. n. 30.
- Ochropus.* Oblong, green shining: antennæ and legs yellow.
Inhabits Europe. Degeer, *Inf.* 5. p. 245. n. 31.
- Fasciculatus.* Ovate; brown, with tufts of grey hairs: antennæ long.
Inhabits Surinam. Degeer, *Inf.* 5. tab. 16. fig. 2.
- Triangularis.* Dull yellowish: base of the thorax triangular: shells striate punctured.
Inhabits Naples. Petagn. *Inf. Calab.* p. 14. n. 71.
- Formosus.* Greenish; antennæ and legs rufous.
Inhabits Bohemia. Act. Bohem. 4. p. 183.
- Carinatus.* Grey, oblong: snout carinate, brown each side: thorax and shells punctured, the latter sprinkled with grey pollen, with 10 rows of dots: fore-legs long, thighs and shanks annulate with brown.
Inhabits out of Europe. Mus. Lesk. p. 21. n. 445.
- Crassirostris.* Grey; snout thick, rough above: thorax black punctured: shells obscurely ridged, with erect stiff hairs: abdomen brown.
Inhabits Europe. Mus. Lesk. p. 21. n. 449.
- Dealbatu.* Oblong, variolous, black covered with white pollen: shells with 2 oblique white bands and 3 spots: abdomen black punctured.
Inhabits Europe. Mus. Lesk. p. 21. n. 250.

Incineratus. Black; 4 lines on the thorax, 4 bands on the shells and scattered dots white.

Inhabits Europe. *Mus. Lesk. p. 21. n. 456.*

Planirostris. Subglobular, grey: snout flattened: shells striate with erect hairs.

Inhabits Europe. *Mus. Lesk. p. 21. n. 459.*

Varius. Shells varied with grey and fulvous, striate punctured, the dots silky brown.

Inhabits Europe. *Mus. Lesk. p. 21. n. 461.*

Nævius. Spotted; snout thick, above flat and brown: shells rugged, the suture raised and carinate behind: thighs brown: shanks rufous with grey scales.

Inhabits Europe. *Mus. Lesk. p. 21. n. 463.*

Coracinus. Black, ovate, glabrous: shells pointed and with the thorax punctured.

Inhabits Europe. *Mus. Lesk. p. 22. n. 465.*

Latirostris. Shells striate punctured, with cinereous hairs: snout short broad, with a dorsal groove.

Inhabits Europe. *Mus. Lesk. p. 22. n. 466.*

Hirtus. Brown; thorax with 4 grey lines, and shells rough, punctured striate, the outer edges of the latter whitish.

Inhabits Europe. *Mus. Lesk. p. 22. n. 467.*

Rugatus. Grey; back of the thorax rusty-brown, with a dot each side: shells rugged with a rusty brown suture.

Inhabits Europe. *Mus. Lesk. p. 22. n. 470.*

Infuscatus. Snout and thorax brown, the latter with 3 grey lines: shells and shanks reddish.

Inhabits Europe. *Mus. Lesk. p. 22. n. 471.*

Obsoletus. Grey-brown: antennæ and legs rufous.

Inhabits Europe. *Mus. Lesk. p. 22. n. 472.*

Subrufus. Grey-fulvous: antennæ and shanks reddish.

Inhabits Europe. *Mus. Lesk. p. 22. n. 473.*

Clavipes. Oblong, brown sprinkled with cinereous: antennæ and shanks rufous: thighs clavate.

Inhabits Europe. *Mus. Lesk. p. 22. n. 475.*

Exoletus.

Exoletus. Brown; shells striate: antennæ and legs rufous.
Inhabits Europe. *Mus. Lesk. p. 22. n. 478.*

Nubilus. Brown clouded with grey: snout broad flat: shells striate obtuse at the tip.
Inhabits Europe. *Mus. Lesk. p. 22. n. 479.*

Tenebricosus. Black, slightly bronzed, ovate, hairy, striate punctured: antennæ and legs rufous.
Inhabits Europe. *Mus. Lesk. p. 22. n. 481.*

Lutesus. Ovate, yellow: antennæ rufous.
Inhabits Europe. *Mus. Lesk. p. 22. n. 482.*

e. Snout shorter than the thorax: thighs toothed.

Spectabilis. Variegated with black and green.
Inhabits New Holland. *Oliv. Inf. fig. 180.*
Club of the antennæ ferruginous: thorax and shells reticulate and varied with black and green.

Pinguis. Fore-thighs toothed: gibbous, blackish: thorax with yellowish lines: shells with 2 yellowish streaks and a small line at the tip.
Inhabits Cayenne.
Snout cylindrical, black: thorax black with a green gloss: shells striate punctured with 2 oblique streaks and a line at the tip, and a yellow fillet from the anterior streak to the tip; near the tip of the shells is a short obtuse spine.

Tridens. Cinereous; shells emarginate at the tip, with 3 teeth.
Inhabits New Zealand. *Oliv. Inf. 83. fig. 154.*
Snout and eyes black: thorax rounded, unequal: shells with 3 thick obtuse dorsal teeth placed longitudinally.

Fuscomaculatus. Black; thorax and shells smooth spotted with brown.
Inhabits Northern parts of Germany.
Body large, smooth, glabrous.

Zebra. Black; shells variegated with white.
Inhabits Saxony; less than *C. nigrita*.
Antennæ piceous: snout retuse at the tip: thorax rough, with a raised line down the middle, the sides a little varied with white: shells slightly striate, black varied with white, the suture entirely black.

**Ligustici*.

* *Ligustici*. Body dusky: thorax rough, cinereous.

On the *Ligusticum levisticum*. Oliv. Inf. 83. fig. 77.

2-notatus. Dusky; shells with a cinereous dot behind.

Inhabits Germany; size of *C. ligustici*.

Body obscurely waved with cinereous.

Nabilus. Grey; shells with numerous darker and nearly square spots.

Inhabits Hamburg. Schæff. Icon. tab. 2. fig. 11.

Antennæ black, the club pointed: shells striate with dots: hind-thighs with an obsolete white ring.

Nigrita. Black, opaque: thorax rough: shells with crenate striæ, immaculate.

Inhabits Italy; size of *C. fulcatus*.

Sulcatus. Black; shells striate, spotted with ferruginous.

Inhabits Saxony. Bonfd. Curc. 2. fig. 35.

Shells with crenate striæ and testaceous spots.

Calcaratus. Black; antennæ and legs rufous.

Inhabits Austria; large, oblong.

Antennæ rufous, the club darker: shells striate.

Gemmatus. Black; shells with green dots.

Inhabits Europe. Oliv. Inf. 83. fig. 74.

Picipes. Grey; shells clouded, striate with subocellate dots.

Inhabits Germany. Bonfd. Curc. 39. 33.

Shells striate with raised white dots surrounded with an impressed ring: hind-thighs rufous.

Morio. Black, shining: shells glabrous: snout with 2 grooves.

Inhabits Germany; large. Oliv. Inf. 83. fig. 26.

Bisulcatus. Black, thorax and shells rough: snout with 2 grooves.

Inhabits Italy; resembles the last.

Snout with impressed grooves: thorax a little cinereous at the sides: shells rough.

Collaris. Thorax cinereous, rough: shells black: snout carinate.

Inhabits Germany; size of the last.

Snout with a raised black line down the middle: thorax cinereous, rough with black dots: shells rough.

- Iris.* Cinereous; shells tessellate with brown.
Inhabits Sweden; resembles *C. pyri*.
Scutel white: legs cinereous.
- * *Pyri.* Bronzed with a changeable colour of yellow, red, brown or green: legs rufous.
Inhabits Europe. *Donovan's English Insects*, iv. plate 121. fig. 34.
Body covered with oblong scales of various colours: shells striate punctured.
- Lepidopterus* Black; shells with green scales: legs rufous.
Inhabits Austria. *Fabricius, Append.* iv. p. 454.
Antennæ black: head and thorax black, immaculate.
- Alneti.* Black with blue scales: antennæ and legs black.
Inhabits Germany, on the alder.
Body entirely clothed with blue scales.
- Vespertinus.* Cinereous, downy: scutel white.
Inhabits Germany. *Payk. Monogr.* 87. 84.
Antennæ and legs ashy-brown, sometimes rufous.
- Mali.* Subpubescent, brown: antennæ and legs testaceous.
Inhabits Germany. *Payk. Monogr.* 86, 83.
- Pallidus.* Pale, scaly: antennæ and shanks rufous.
Inhabits Germany, probably a variety of *C. mali*.
Shells striate: antennæ rufous: thighs black.
- Arboreti.* Fore-thighs toothed: body cinereous with a green gloss: shells striate punctured.
Inhabits Cayenne.
Antennæ cinereous, the club brown.
- Dentifer.* Cinereous; snout grooved before: hind-thighs 3-toothed.
Inhabits East India; size of *C. viridanus*.
Snout hairy, nearly bifid: shells substriate: all the thighs sharply toothed, that on the hind-thighs 2-toothed.
- Curvicornis.* Grey, white at the sides: middle pair of thighs 2-toothed.
Inhabits East India; size of the last.
Snout grooved: first joint of the antennæ very long and incurved: thorax grey, the sides and a dorsal line white.
- * *Argentatus* Covered with fine green bronzed scales: antennæ and legs brown.
Inhabits Enrope. *Donovan's English Insects* iii. plate 107.
Found very common in May and June on the Birch and Alder, and is entirely covered with silvery-green scales.

Viridanus. Green; mouth and antennæ blackish: eyes black.
Inhabits *Tranquebar*; resembles *C. argentatus*.

* *Oblongus*. Antennæ, shells and legs ferruginous.
Inhabits *Europe*. *Oliv. Inf.* 83. fig. 30.

Spinulosus. Grey: shells with rough raised striæ: antennæ rufous.
Inhabits *Germany*.
Mouth black: antennæ rufous, the club cinereous: legs black:
shanks piceous.

* *Ovatus*. Grey; thorax rough.
Inhabits *Europe*, on the *Rose*. *Payk. Monogr.* 82, 79.

Albolineatus. Cinereous; thorax and shells with white lines: snout black
beneath.
Inhabits *Saxony*; size of *Curc. ovatus*.
Antennæ brown: snout carinate on the back: thorax cinereous
with 4 white lines: shells striate, with 2 broad white fillets.

Picus. Black; shells dotted with white.
Inhabits *Germany*. *Curculio fullo*. *Gmelin. p.* 1777.
Small, antennæ testaceous, the club brown: thorax rounded
black with a lateral white line: shells with crenate striæ, a
white dot or two at the base, 3 in the middle placed obliquely
and a few at the tip.

Attellaboides. Snout and shells with a single tubercle.
Inhabits *Brasil*. *Oliv. Inf.* 83 fig. 174.
Snout grey with a large raised tubercle: front grooved, with a
short spine each side: shells rough, varied with grey and
brown, with a large raised tubercle in the middle near the
future: legs variegated: thighs clavate.

Æruginosus. Green; thighs ferruginous: antennæ long.
Inhabits *Sweden*. *Bonfd. Curc. Suec.* 2. fig. 8.

Erythropus. Oblong-ovate, black: long antennæ and legs rufous.
Inhabits *Sweden*. *Bonfd. Curc.* 2. fig. 10.
Probably the same as *C. rufipes* or only a variety, as the thighs
are not always toothed.

Floricola. Black; shells hoary: middle joints of the antennæ tawny.
Inhabits——*Herbst, Arch. Inf.* 5. p. 86. n. 93.

Anthracipus. Black; shells with striate dots: thighs 1-toothed.
Inhabits *Italy*. *Scopol, Ent. Carn.* n. 92.

- Lugubris.* Brown; shells rough substriate a little downy and connected.
Inhabits *Italy*. *Scopol. Ent. Carn. n.* 93.
- Infidus.* Dull coppery, with blueish down.
Inhabits *Italy*. *Scopol. Ent. Carn. n.* 94.
- Pruni.* Black; subvillous: antennæ shells and legs rufous.
Inhabits *Italy*. *Scopol. Ent. Carn. n.* 95.
- Cælestrianus.* Blue; antennæ and legs sanguineous.
Inhabits *Germany*. *Scopol. Ent. Carn. n.* 96.
- Carniolicus.* Brown with a greenish down: shells with scattered dots.
Inhabits *Italy*. *Scopol. Ent. Carn. n.* 97.
- Scopolii.* Brown, subvillous: antennæ and legs rufous.
Inhabits *Italy*. *Scopol. Ent. Carn. n.* 98.
Is not sufficiently distinct from *C. ovatus*.
- Roeselii.* Thorax dull green with a longitudinal white line: shells fulvous-brown, with raised lines.
Inhabits *Germany*. *Roes. Inf. 3. tab. 67. fig. A, B, C, D.*
- Mulleri.* Black; shells substriate: eyes rufous.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 87. n.* 963.
- Danicus.* Black; shells slightly grooved, with pale dots: eyes rufous.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 87. n.* 964.
- Squamifer.* Oblong; shells striate with grey and black.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 87. n.* 968.
- Austriacus.* Apterous, cinereous: shells with whitish lines dotted with black.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 117. n.* 222.
- Religiosus.* Black, polished: shells spotted with white.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 118. n.* 125.
- Coronatus.* Black, apterous: thorax with a double fulvous dot each side, the base crowned with fulvous hairs.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 291. n.* 34.
- Tigris.* Black with yellow downy spots: shells a little rugged.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 292. n.* 35.

- Corrugatus*. Apterous, brown : shells with rough striæ.
Inhabits France. Geoffr. Ins. par. p. 294. n. 37.
- Geographicus*. Subglobular, dark brown, scaly, varied with white lines.
Inhabits France. Geoffr. Ins. par. p. 294. n. 40.
- Fascialis*. Brown ; shells striate with a triple transverse band of white spots.
Inhabits France. Geoffr. Ins. par. p. 295. n. 41.
- Albo punctatus*. Subglobular, scaly, brown ash : 3 spots on the shells and tip white.
Inhabits France. Geoffr. Ins. par. p. 299. n. 47.
- Sericeus*. Dull rufous with cinereous down : snout shorter than the thorax.
Inhabits France. Geoffr. Ins. par. p. 300. n. 52.
- Virgo*. Oblong, with cinereous down : snout as long as the thorax.
Inhabits France. Geoffr. Ins. par. p. 301. n. 53.
- Stritos*. Oblong, black with yellowish dots : antennæ long, appearing as if broken.
Inhabits——Degeer. Inf. 5. p. 217. n. 9.
- Granulosus*. Black ; thorax variolous : shells with rough raised dots, the intertices with lesser dots.
Inhabits Europe. Mus. Lesk. p. 23. n. 490.
- Leprosus*. Downy ferruginous spotted with white : thorax with confluent dots : shells striate punctured.
Inhabits Europe. Mus. Lesk. p. 23. n. 491.
- Leskii*. Brown ; thorax with deep dots and longitudinal ridges : shells punctured, with flat ridges : antennæ and legs ferruginous.
Inhabits Europe. Curc. sulcatus. Mus. Lesk. p. 23. n. 492.
- Chrysostictos*. Brown, glabrous : thorax punctured : shells with crenate grooves and 3 spots speckled with gold : antennæ ferruginous.
Inhabits Europe. Mus. Lesk. p. 23. n. 493.
- Argenteus*. Silvery-green : antennæ and shanks rufous : thighs brown, clavate.
Inhabits Europe. Mus. Lesk. p. 23. n. 500.
- Hæmorrhous*.

Hamorrhoidus. Brown: antennæ legs and tip of the abdomen rufous, shells greenish-brown.

Inhabits Europe. *Mus. Lesk. p. 23. n. 500.*

B. *Lip bifid; jaw bifid, short: snout short.* Anthribus.

* *Albinus*. Black; front and tail white.

Inhabits Europe. *Degeer. Ins. 5. tab. 8. fig. 1.*

Antennæ of the male as long as the body, the joints varied with black and white; of the female shorter black, the ninth joint only white.

Latirostris. Snout very broad, flat: tip of the shells white with 2 black dots.

Inhabits Saxony. *Paykull. Monogr. 117. 111.*

Snout white tip with black: *thorax* black, grooved: *shells* black with interrupted glaucous striæ: *legs* black annulate with white: *abdomen* white, black at the sides: *antennæ* with a white ring.

Albirostris. Snout very broad, flat, white: shells black, white at the tip with a palmate black spot.

Inhabits Saxony. *Herbst. Arch. Ins. tab. 24. fig. 26.*

Half the size of the last: *legs* black: *shanks* and *tarfi* annulate with white.

Macroceros. Grey; shells cinereous behind.

Inhabits New Holland. Anthribus griseus. *Fabricius.*

Antennæ filiform, longer than the body, black at the tip, the last joint acute: *thorax* rounded, grey, with 4 obsolete brown lines and a white dot: *abdomen* and *legs* cinereous.

Planirostris. Snout flat, very broad, testaceous: body brassy-black: legs testaceous.

Inhabits Holsace. *Paykull. Monogr. 124. 117.*

Small. *Legs* simple: *thorax* sometimes rufous.

* *Scabrosus*. Black; shells with raised striæ, rufous with scattered black dots.

Inhabits Europe. *Geoffr. Ins. 1. tab. 5. fig. 3.*

Thorax with cinereous down: *shells* reddish with raised whitish lines and silky black dots.

Undatus. Black; shells brown with white waved streaks.

Inhabits Africa; on flowers: middle-sized

Shells with 3 or 4 white waved streaks.

Varius. Shells black striate with alternate white and black dots.

Inhabits Sweden. *Paykull. Monogr. 122. 115.*

Body black with a cinereous shade: *thighs* unarmed.

- Sepicola.* Varied with cinereous and brown, with raised hairy dots.
Inhabits *Germany*; in hedges.
Snout thickened at the tip: legs pale dotted with black.
- C. Lip rounded, horny: feelers very short. Brachycerus.
- Apterus.* Thorax spinous, with an impressed cross: shells dotted with ferruginous.
Inhabits *India*. Oliv. Ins. 82. tab. 1. fig. 3.
Snout short: legs unarmed: body black: abdomen punctured.
- Ocellatus.* Thorax spinous, excavated before: shells cinereous with black subocellate dots.
Inhabits *Madagascar*. Oliv. Inf. 3. 82.
Snout short thick obtuse, with a single groove: thorax rough, brown with 3 grey lines: shells striate with raised glabrous dots; those of 2 of the rows spinous: thighs brown with a white ring.
- Scalaris.* Thorax spinous, unequal: body black: shells with rufous denticulate striæ.
Inhabits the *Cape of good Hope*.
Snout flat thick obtuse: thorax with 3 grooves and 4 impressed dots at the base: shells with 8 rufous striæ.
- Obesus.* Thorax spinous, unequal: body black: shells red with crowded black dots.
Inhabits the *Cape*. Degeer. Inf. 7. tab. 49. fig. 8.
- Globosus.* Thorax spinous, 5-grooved: shells smooth.
Inhabits *India*. Drury's. Insects. 1. tab. 32. fig. 4.
Snout 2-grooved: thighs with a pale ring.
- Rostratus.* Brown: head and thorax cylindrical narrow: shells spinous behind.
Inhabits warm parts of *Africa*. Oliv. Inf. 82. tab. 1. fig. 4.
Under the antennæ a sharp short spine: head caniculate: mouth black: thorax grooved: shells immaculate, with 2 lines of erect spines behind.
- Barbarus.* Thorax subspinous: shells with a double crimped angle.
Inhabits *Africa*. Oliv. Inf. 82.
A variety about half the size is found in *France*.
- Inequalis.* Thorax rough: shells with raised crimped lines: head 2-toothed.
Inhabits the *Cape of good Hope*. Oliv. Ins. 82. tab. 2. fig. 12.
Large; mouth thick: head with 2 teeth before the eyes.
- Crispatus.*

Crispatus. Black; thorax spinous and grooved: shells cinereous, the outer angle crimped and toothed.

Inhabits *Barbary*; size of *C. Algirus*.

Head black: orbits raised: thorax punctured: shells with a raised line down the middle.

Cornutus. Cinereous; thorax and shells subspinous: spines of the shells with fasciculate hairs.

Inhabits *India*. *Oliv. Ins. 82. tab. 2. fig. 14.*

Shells with raised dots, striate.

Algirus. Cinereous: thorax spinous, grooved: shells with 2 raised spinous lines and between these raised dots.

Inhabits *Africa*. *Oliv. Ins. 82. tab. 2. fig. 16.*

Retusus. Grey-brown; shells retuse and toothed behind.

Inhabits the *Cape of good hope*. *Oliv. Ins. 82. tab. 1. fig. 6.*

Snout thick unequal emarginate: thorax unequal unarmed: shells with toothed striæ, a common dorsal dusky spot, retuse each side behind with sharp teeth.

Spectrum. Brown; thorax and shells globular.

Inhabits the *Cape of Good Hope*. *Oliv. Ins. 82. tab. 1. fig. 5.*

Small. Snout short thick unequal: thorax short, narrower than the shells: shells striate with sharp raised dots: legs grey.

Muricatus. Thorax spinous, grooved: black, opaque: shells with 3 raised crenate lines.

Inhabits *Hungary*. *Oliv. Ins. 82. tab. 1. fig. 19.*

Snout emarginate at the tip: shells obtuse at the tip.

Uva. Thorax spinous unequal: shells with numerous raised obtuse tubercles.

Inhabits the *Cape of good Hope*; middle sized.

Thorax with a fulvous spot each side above the spine and another below: shells black: thighs with a large hairy fulvous spot beneath.

30. RHINOMACER. *Antennæ* setaceous, seated on the snout: *feelers* 4, growing thicker towards the end, the last joint truncate.

Curculioi- Grey-downy: *antennæ* and legs black.

des. Inhabits *Italy*; resembles a *Curculio*.

Antennæ setaceous black, as long as the thorax, the last joint sharp: snout flat, impressed in the middle.

Attelaboïdes.

Attelaboides. Piceous downy: antennæ and legs testaceous.
Inhabits Sweden. *Curculio rhinomacer* Paykull. *Monogr.* 126. 119.
Snout elevated projected: body cinereous.

Cæruleus. Blueish, subvillous: base of the antennæ and legs yellow.
Inhabits Calabria. *Petagn. Ins. Calabr.* p. 14. fig. 34.
Is very probably a species of *Attelabus*.

31. ATTELABUS. *Antennæ* moniliform, thicker towards the tip, seated on the snout: head pointed behind, inclined.

A. Jaw bifid: feelers filiform.

Coryli. Black; shells rufous, reticulate.
Schoeff. Icon. tab. 75. fig. 8. *Sulz. Ins. tab.* 4. fig. 1.
Found in the leaves of the nut-tree, which it rolls up into a cylinder closed at each end. The *Avellane* of Linne and Gmelin with red thorax and legs is a mere variety.

Speciosus. Black, polished: shells with 2 red spots.
Inhabits *Tranquebar*; larger than the following ones.
Thorax rounded immaculate: shells smooth.

Bipustulatus. Black; shells with a rufous spot at the base.
Inhabits South America.
Body black polished: fore-thighs 1-toothed within.

Bicoloratus. Black: thorax and shells reddish: scutellum, base and tip of the thighs and shanks black.
Inhabits Europe. *Mus. Lesh.* p. 23. n. 504.

Denigratus. Black; thorax and shells red: spot on the back, shanks and base and tip of the thighs black.
Inhabits Europe. *Mus. Lesh.* p. 23. n. 505.

Erythropterus. Black; shells red, very lightly striate punctured.
Inhabits Europe. *Mus. Lesh.* p. 23. n. 506.

Pennsylvanicus. Black; shells rufous with a black band in the middle and at the tip.
Inhabits North America. Antennæ yellowish at the base.

Gemmatus. Ferruginous with scattered black tubercles.
Inhabits the Cape. *Thunb. nov. Ins.* 3. 68. fig. 80.

Maculatus. Dull ferruginous: shells marked with yellow: legs yellow.
Inhabits India: size of A. *Coryli*.

- Longimanus*. Piceous; shells retuse at the tip: fore-legs longer, the thighs 1-toothed.
Inhabits *Senegal*. Shells with a small gibbosity.
- Nigripennis*. Ferruginous: shells very smooth black.
Inhabits the *Cape of good Hope*; size of *A. Coryli*.
Antennæ brown: *body* ferruginous, polished.
- Psycicornis*. Ferruginous: *antennæ* and *tarsi* brown: shells striate punctured.
Inhabits *Senegal*: half the size of *A. Coryli*.
- Spinosus*. Ferruginous: thorax and shells spinous.
Inhabits the *Cape of good Hope*; small.
Thorax with 2 raised tubercles behind: shells with numerous sharp spines black at the tip.
- Indicus*. Ferruginous: head, base of the shells and band in the middle blue.
Inhabits *East India*; size of *A. Pensylvanicus*.
- **Curculionoides*. Black; thorax and shells red.
Inhabits *Europe*. *Donovan's English Insects*. v. plate 149.
Head shaped like a vase, and protruded beyond the thorax by means of the long slender neck: when running it has a perpetual motion with its head from right to left: *thorax* sometimes black.
- Melanuros*. Black; shells testaceous tipped with black.
Inhabits *Upsal*; larger than *A. pensylvanicus*.
Base of the *antennæ* and of the *abdomen* testaceous.
- Angulatus*. Ferruginous; shells angulate, the disk black.
Inhabits *Cayenne*.
Antennæ black, ferruginous at the base: *eyes* black: *thorax* ferruginous with a large brown spot at the base: shells striate black, edged round with ferruginous; an acute angle each side towards the base: *breast* black.
- **Pubescens*. Violet, hairy: snout black.
Inhabits *Europe*. Snout rather longer than in others.
- **Bachus*. Purple with gold shades: snout and ends of the legs black.
Curculio Bachus. *Donovan's English Insects*. i. plate 34. fig. 1.
Inhabits *Europe*, on the vine and nut tree.
- **Betulae*. Green-gold; beneath the same colour.
Curculio Betulae. *Donovan's English Insects*. iii. plate 74.
Found on the leaves of the *Betula alba*.
Body sometimes blue: *thorax*, in one sex spinous on the fore-part: *antennæ* and *eyes* black.

- * *Populi*. Green-gold: beneath blueish-black.
Curculio Populi. Paykull. Monogr. 132. 123.
 Found on the *Poplar* and *Birch* trees.
Thorax in one sex spinous on the fore-part.
- Bicolor*: Black; head thorax and shells red: snout black, as long as the body.
 Inhabits *America*; size of *A. Bachus*.
 Head rufous: snout black: thorax and shells rufous immaculate;
- Hungaricus*. Villous, black: thorax and shells rufous, the future black.
 Inhabits *Hungary*. *Curculio Hungaricus*. Herbst. Arch. tab. 24. fig. 10.
 Snout long cylindrical: antennæ black, the club oblong: shells substriate.
- * *Equatus*. Dark brown, bronzed: shells rufous.
 Inhabits *Europe*. *Donovan's English Insects*. iv. plate 121. fig. 1. 2.
 Less than *A. Bachus*. Snout long cylindrical: shells striate punctured.
- Cæruleocephalus*. Shining-violet: thorax and shells testaceous.
 Inhabits *Saxony*. Herbst. Arch. tab. 24. fig. 11.
 Head pubescent: thorax and shells pubescent.
- * *Cupreus*. Dull brassy: beneath darker.
 Inhabits *Europe*. Paykull. Monogr. 134. 125:
- Fuscirostris*. Grey; legs rufous: snout and base of the thighs black.
 Inhabits *Germany*; small.
 Snout long: thorax and shells striate with 2 or 3 white lines near the future.
- Cuprirostris*. Green bronzed: shells striate: snout coppery.
 Inhabits *Saxony*; on the *Birch* tree.
 Snout arched: legs brown.
- * *Rufirostris*. Black; half the snout and legs rufous.
 Inhabits *England*.
 Head brown: snout black polished: thorax gibbous green with 2 dorsal brown lines: shells downy green immaculate:
- Alliariae*. Pubescent, blue: shells striate.
Curculio Alliaria. Frish. Ins. 9. 35. tab. 18.
 Found on the *Erysimum Alliaria*.

- Cracca*. Black, opaque : shells striate, dull blue : snout depressed at the tip.
Curculio viciae. Degeer Ins. 5. tab. 6. fig. 31. 32.
 Inhabits Holsace, in Gardens.
 Snout long, cylindrical : thorax cylindrical a little narrower before and slightly grooved at the base : shells ovate striate but scarcely punctured.
- Sorbi*. Black ; shells striate dull blueish.
 Inhabits Germany. Paykull. Monogr. 141. 138.
 Snout arched, as long as the body : thorax ovate with an impressed dot in the middle behind : shells ovate striate not punctured.
- * *Cyaneus*. Black ; shells blue, a little polished.
Curculio cyaneus. Herbst. Arch. tab. 24. fig. 5.
 Inhabits Europe, on the mallow : very small.
 Thorax with a raised tubercle each side.
- Globosus*. Gibbous ; above black, beneath cinereous.
Curculio hypoleucos. Paykull. Monogr. 75. 72.
 Inhabits Europe, on sandy plains ; small.
- * *Mabæa*. Grey ; shells and legs testaceous.
Curculio Pineti. Paykull. Monogr. 61. 58.
 Inhabits England, on the mallow ; small.
 Thorax and abdomen covered with cinereous hairs.
- * *Flavipes*. Black ; thighs yellow.
Curculio flavipes. Paykull. Monogr. 143. 135.
 Found early in the spring in warm sunny banks.
- Purpureus*. Purple, shining : snout very long.
 Inhabits Europe. Bergst. Nomencl. 1. tab. 2. fig. 12.
- * *Frumentarius*. Sanguineous : shells with crenate striæ.
Curculio frumentarius. Paykull. Monogr. 139. 130.
 Found in corn which has been kept a long time.
- Vernalis*. Blackish ; shells cinereous with 2 black bands : legs rufous.
Curculio vernalis. Paykull. Monogr. 127. 120.
 Inhabits Germany, early in the spring, on the nettle.
 Snout long, cylindrical blackish with a black dot at the tip : thorax with an impressed line down the middle : shells striate, the broad brown bands oblique.

- *Betuleti*. Black; legs formed for skipping.
Curculio Betulæ. Payk. Monogr. 127, 120.
 Found on the leaves of the *Birch tree*, the leaves of which it curls up in a very beautiful manner..

B. Jaw 1-toothed: hind-feelers hatchet-shaped. Clerus.

- Mutillarius*. Black; shells with a triple white band, rufous at the base.
 Inhabits Saxony. Herbst, Arch. tab. 25. fig. 2.
 Front covered with thick white hair: thorax slightly pubescent: abdomen rufous.

- Dubius*. Rufous; shells black with a double white band, rufous at the base.
 Inhabits North America.
 Head rufous: antennæ short: thorax narrowed behind: shells with 2 white waved bands.

- Ichneumo-neus*. Head and thorax rufous: shells black with a rufous band in the middle and white streak at the tip.
 Inhabits North America.
 Antennæ brown: thorax gibbous, narrowed behind: breast black: abdomen rufous: legs brown.

- Sphegeus*. Black; front and band on the shells cinereous.
 Inhabits North America.
 Front villous: abdomen rufous: legs cinereous.

- *Formica-rius*. Black; thorax rufous: shells with a double white band, rufous at the base.
 Inhabits Europe and America. Donovan. Eng. Inf. plate 231. fig. 2.

- 6-guttatus*. Black; front cinereous: shells with 3 white spots.
 Inhabits America.
 Thorax rounded, black with an obsolete cinereous band behind: shells smooth.

- 4-maculatus*. Black; thorax red: shells with 2 white dots.
 Inhabits Saxony. Schall. Aët. Hall. 1. 288: small.
 Head and antennæ piccous: thorax villous: shells subvillous.

- Unifasciatus*. Black; shells with a white band, red at the base.
 Inhabits Europe and Africa. Sulz. Inf. tab. 2. fig. 13.
 Body pubescent: shells vaulted, striate punctured, rufous at the base black at the tip with a white band in the middle: abdomen and legs black.

8-punctatus.

8-punctatus Blue, hairy: shells rufous with 4 black dots.

Inhabits *Spain*, on umbellate plants.

Spots on the shells 1, 3, 1. legs blue.

Tricolor. Rufous; head black: shells blue at the base, rufous in the middle, violet at the tip.

Inhabits *Æquinoctial* parts of *Africa*.

Head and antennæ piceous: thorax glabrous: shells striate punctured: legs brown: thighs rufous at the base.

2-fasciatus. Pubescent, green bronzed: shells blue with 2 scarlet bands.

Inhabits *Siberia*. *Herbst, Arch. tab. 25. fig. 3.*

Sipylus. Green; shells with a double interrupted yellow band: thorax hairy.

Inhabits *Africa*; size of *A. formicarius*.

Ammios. Hairy, green: shells blue with 3 yellow spots: the 2 hind-ones lunate.

Inhabits *Africa*; on the *Ammi majus*.

Antennæ yellow: hind-thighs thickened.

• *Apiarius.* Slightly hairy, blue: shells red with 3 blue bands, the last terminal.

Inhabits *Europe*. *Donov. Eng. Inf. vii. p. 231. fig. 1.*

The larva is found in Bee-hives, the insect on flowers.

Alvearius. Hairy, blue: shells rufous with a common black spot and 3 bands, the third abbreviated.

Inhabits *Europe*. *Schæff. Icon. tab. 43. fig. 11.*

Resembles the last, of which it is perhaps only a variety.

Cyaneus. Blue; abdomen and legs testaceous.

Inhabits *India*; middle-sized.

Antennæ black, testaceous at the base: head violet: thorax rounded.

Crabroni-fermis. Black, hairy: shells rufous with 3 black bands, the last terminal.

Inhabits the *East*. Body covered with ferruginous down.

C. Jaw 1-toothed; feelers clavate. Upis.

Ceramboides.

Ceramboides Black; shells rugged broader than the thorax.

Tenebrio variolosus. Degeer, *Inf.* 5. tab. 2. fig. 1.

Inhabits Sweden, on the *Boletus fomentarius*.

Fore-tarsi with 5 joints, hind with 4.

D. Jaw, conic, entire; feelers filiform. Spondylis.

Buprestoides Black; shells nervous: thorax subglobular.

Inhabits Woods of Europe. Degeer, *Inf.* 5. tab. 5. fig. 21.

32. NOTOXUS. *Antennæ* filiform: feelers 4, hatchet-shaped: jaw 1-toothed: thorax a little narrowed behind.

Porcatus. Black; shells with longitudinal raised lines.

Inhabits Van Diemen's Land.

Head black; *antennæ* piceous: thorax cylindrical pubescent: shells flat obtuse: legs piceous.

Violaceus. Pubescent, black with a violet gloss: shells smooth with 3 yellow dots.

Inhabits New Zealand.

Antennæ piceous: thorax rounded: spots on the shells 1, 2, 1. legs ferruginous: thighs black, ferruginous at the base.

2-fasciatus. Thorax rounded: body ferruginous: head black: shells with a black dot band and tip.

Inhabits Lapland; small cylindrical.

Head black: mouth and *antennæ* ferruginous: fore-edge of the thorax a little blackish: shells with a black blotch before the middle and under this 2 black bands.

Dubius. Thorax brown: shells ferruginous with a black line at the base band in the middle and dot at the tip.

Inhabits Germany.

Head brown: *antennæ* piceous: shells smooth: body and legs ferruginous.

• *Mollis*. Downy; shells black with 3 pale bands.

Inhabits Europe. Schaeff. *Icon.* tab. 60. fig. 2.

Indicus. Head and thorax dusky: shells pale, striate punctured.

Inhabits India. Fabricius *Appendix*, 4, 444.

Head brown: *antennæ* and feelers testaceous: thorax dull piceous varied with brown: body pale.

Chinensis.

- Chinensis*. Downy, brown: shells punctured, pale, with unequal black bands.
 Inhabits *China*. *Fabricius. Append.* 4, 444.
 Larger than the last: *head* and *thorax* brown, the fore-edge a little pale: *shells* with a black band at the base, another towards the tip, and one on the tip itself.
- *Monoceros*. Thorax projecting like a horn over the head; shells pale with a black band and dot.
Meloe monoceros. Donovan's English Insects vi. plate 182.
 Inhabits *Europe*, on umbelliferous plants.
- Cornutus*. Thorax projecting like a horn over the head: shells with 3 black bands.
 Inhabits *Italy. Ross. Fn. Etr.* 1. tab. 2. fig. 14.
- 2-punctatus*. Thorax ferruginous: shells testaceous with a black dot.
 Inhabits *Germany*, small.
Antennæ pale tipped with black: *head* black: *thorax* subcylindrical: *shells* striate, paler than the *thorax*: *body* black: *legs* pale.
- *Antherinus*. Black; shells with 2 ferruginous bands.
 Inhabits *Europe*, on flowers: is very nimble.
- *Floralis*. Black; thorax ferruginous.
 Inhabits *Europe*; size of the last.
- Minutus*. Black, polished: antennæ and legs palish.
 Inhabits *Europe*; very small.

33. CERAMBYX. *Antennæ* setaceous: feelers 4: *thorax* spinous or gibbous: shells linear.

This is a very beautiful and finely variegated family: the *larvae* resemble soft oblong slender worms, with a scaly head and 6 hard legs on the fore-part; they bore through the inner part of trees, pulverising the wood, and are transformed into perfect insects in the cavities they make: many of them diffuse a strong smell, perceivable at a great distance; and some, when taken, utter a sort of cry, produced by the friction of the thorax on the upper part of the abdomen and shells.

The *antennæ* are termed short when they are shorter than the body; moderate when of equal length with the body; and long when they exceed the body.

A. *Feelers equal, filiform.*

a. *Jaw cylindrical, entire.* Prionus.

† *Thorax with moveable spines.*

Longimanus Blackish varied with red and yellow: shells 1-toothed at the base, 2-toothed at the tip: antennæ and fore-legs very long.

Inhabits South America. *Naturalist's, Miscel. iv. tab. 134.*

Very large; shells velvety: legs variegated.

Trochlearis Shells varied with brown and hoary and marked with raised dots.

Inhabits India. *Degeer's Insects.*

†† *Thorax margined.*

Fuliginosus. Black; thorax crenate 1-toothed, with an impressed dorsal line: shells with crenate teeth at the tip.

Inhabits America; resembles *C. lineatus*.

Thorax with a white villous groove: legs and antennæ often rufous.

Rostratus. Thorax 1-toothed rufous: jaws inflected acute: sternum spinous.

Inhabits Siam; very large.

Head black caniculate: antennæ piceous, shorter than the body, the last joint much serrate: thorax glabrous, obtusely toothed each side in the middle: shells obtuse black: breast and legs rufous: sternum with an erect sharp spine.

Lineatus. Black with white stripes: thorax crenate 1-toothed: shells with crenate teeth at the tip.

Inhabits America. *Brown's Jamaica 430. tab. 43. fig. 7.*

Jaws short unarmed: thorax black with 3 villous white lines: shells with a broad fillet down the middle and another marginal one: sternum with a raised obtuse gibbosity on the forepart, bifid behind: legs ferruginous.

Nitidus. Blue bronzed: shells coppery: thorax crenate 1-toothed.

Inhabits Brasil. *Oliv. Inf. 66. tab. 12. fig. 48.*

Antennæ long blue: head caniculate brassy-green: thorax flat with a sharp curved tooth in the middle: shells punctured obtuse: breast and legs blue: abdomen brassy-green polished.

Faber. Thorax 1-toothed each side: shells piceous: antennæ moderate.

Inhabits *Europe*. *Schæff. Icon. tab. 72. fig. 3. tab. 111. fig. 1.*

Thorax of the male with a crenate edge without the tooth.

Scabricornis Subvillous, blackish: shells brown with 2 raised lines: thorax 1-toothed: antennæ moderate.

Inhabits *Europe*. *Fyssl. Inf. Helv. 13. tab. 1. fig. 3.*

Body very narrow: thorax slightly margined, in one sex nearly unarmed.

Depsarius. Thorax 1-toothed pubescent: body blackish: antennæ short red.

Inhabits *Sweden*. *Schæff. Icon. tab. 67. fig. 3.*

Mucronatus Thorax 2-toothed: shells mucronate, rufous.

Inhabits *South America*; less than *C. cervicornis*.

Front retuse: antennæ short compressed: thorax with 2 tubercles on the back: shells velvety pointed.

Arcuatus. Thorax with 2 curved teeth: body black; shells testaceous obtuse.

Inhabits *Van Diemen's Land*.

Antennæ moderate black compressed: thorax with 2 strong teeth turned back: abdomen beneath velvety ferruginous: legs piceous, the fore-ones black.

Maculatus. Thorax 3-toothed: body black: shells spotted with cinereous.

Inhabits *Senegal*. *Oliv. Inf. 66. tab. 4. fig. 14.*

Jaws exerted, toothed: antennæ as long as the body.

Cervicornis. Thorax 3-toothed each side: jaws projecting, 1-spined without: antennæ shorter than the body.

Inhabits *America*. *Natural. Miscel. viii. tab. 284.*

Jaws large, toothed within: shells dull ferruginous with irregular whitish lines: thorax with 3 sharp spines each side.

The larva is eaten and regarded as a delicacy by the *Indians*.

Tridentatus Thorax 3-toothed each side: body black polished: antennæ short, the last joint spinous at the tip.

In the *British Museum*: middle sized.

Jaws exerted forked black, with a strong tooth in the middle within: antennæ piceous, black at the base, the joints with a sharp spine as long as the next joint: thorax narrow dull ferruginous: shells a little pointed at the tip near the future.

Buphthalmus.

Buphtalmus. Thorax 3-toothed each side: body black polished: antennæ short, the last joints spinous at the tip.

Inhabits *East India*. *Voet. Scarab. 2. tab. 3. fig. 11.*

Jaws exerted short curved, with a sharp tooth in the middle within: *eyes* large: *front* between the eyes grooved: *breast* rufous: base of the *abdomen* with an acute prominence.

* *Coriarius*. Thorax 3-toothed: body piceous: antennæ shorter than the body: shells mucronate.

Schæff. Icon. tab. 67. fig. 3. Elem. tab. 102.

Inhabits *Europe*, in rotten wood.

Imbricornis. Thorax 2-toothed: body ferruginous: shells mucronate: antennæ perfoliate imbricate, shorter than the body.

Inhabits *Carolina*. *Roes. Inf. Scarab. 2. tab. 1. fig. 1.*

Is supposed by *Fabricius* to be a variety of the last.

Giganteus. Thorax 3-toothed each side: body blackish: shells dark ferruginous: antennæ short.

Inhabits *Cayenne*. *Naturalist, Miscel. viii. plate 280.*

Jaws exerted toothed within: *eyes* large: *thorax* darker than other parts.

Cylindricus. Thorax 3-toothed: body dusky: breast and abdomen ferruginous: antennæ short.

Inhabits *North America*. *Drury Inf. 1. tab. 37. fig. 1.*

Antennæ compressed: *head* and *thorax* black: *shells* piceous: *body* cylindrical.

Armillatus. Thorax 4-toothed each side: shells ferruginous edged with black.

Inhabits *India*. *Oliv. Inf. 66. tab. 5. fig. 17.*

Very large: *front* retuse: *jaws* emarginate: *thorax* rufous at the sides: *shells* pointed at the tip.

Luzonum. Thorax many spined: jaws projecting, 1-toothed, bifid at the end: fore-legs longer.

Inhabits *America*. *Petiv. Gazoph. tab. 74. fig. 1.*

Antennæ moderate black, joints 2, 3, 4, 5. prickly beneath: *thorax* black, ciliate at the edge with 12 spines: *shells* mucronate, pale ferruginous, subpunctured at the base: *fore-legs* rough, prickly beneath.

- Serripes*. Thorax many-spined: jaws projecting, 3-toothed at the tip: legs ferrate with spines.
Inhabits æquinoctial parts of *Africa*.
Head black: mouth bearded within: antennæ moderate, the second joint rough beneath: thorax black rough, edged with 12 spines: shells subferruginous.
- Damicoruis*. Thorax denticulate: jaws projecting, 2-toothed, antennæ short.
Inhabits *America*. *Drury Inf.* 1. tab. 38. fig. 1.
The larva is eaten by the *Americans*.
- Bifasciatus*. Thorax denticulate: body black: shells red with 3 black bands: antennæ short.
Inhabits *America*. *Gronov. Zooph.* 532. tab. 14. fig. 4.
One of the bands on the shells in the middle, the other terminal.
- Thomae*. Thorax crenulate: body black: shells glabrous, ferruginous with a yellow margin.
Inhabits *St. Thomas Island*. *Aët. Berol.* 4. tab. 7. fig. 9.
Shells rounded at the tip.
- Bilineatus*. Thorax crenate, with 2 white lines: shells ferruginous with a yellow margin and white specks.
Inhabits *America*; resembles the last.
- Spinibarbis*. Thorax crenate: head spinous under the jaws: jaws 3-toothed.
Inhabits *South America*. *Merian. Surinam.* 24. tab. 24.
Jaws large, thick: 3-toothed within, notched at the tip.
- Palmatus*. Thorax rough and many-toothed at the sides, the hind-tooth palmate: antennæ short.
Inhabits *Guinea*; size of the last.
Head caniculate black: antennæ compressed, dusky at the tip: thorax flat polished, the sides rough, the edge many-toothed, the third tooth before the spine larger and palmate: shells smooth piceous, mucronate on the suture at the tip: legs ferrate within.
- Maxillofus*. Thorax crenate: jaws projecting, hairy and 4-toothed within.
Inhabits *America*. *Oliv. Ins.* 66. tab. 1. fig. 3.
Body black polished: shells mucronate at the tip.

- Caniculatus*. Thorax crenate, with a villous white groove down the back : antennæ short.
Inhabits *American Islands*.
Antennæ compressed black : *head* caniculate black : *scutellum* white downy : *shells* a little rough : *legs* black.
- Cinnamomeus*. Thorax denticulate : jaws projecting, 3-toothed.
Inhabits *South America*. *Oliv. Ins.* 66. *tab.* 5. *fig.* 18.
About half the size of *C. cervicornis*.
- Melanopus*. Thorax toothed : jaws projecting, many-toothed : shells mucronate.
Inhabits *South America*. *Merian Surinam tab.* 24. *fig.* 1.
- Spinosus*. Thorax black many-toothed : shells testaceous, 1-toothed.
Inhabits *Tranquebar*.
Head caniculate : *antennæ* short compressed black : *thorax* with cinereous down beneath, caniculate on the back.
- Barbatus*. Thorax entire : jaws ferruginous very hairy : antennæ moderate.
Inhabits *South America*.
Antennæ rough, the last joint compressed and smooth : *shells* piceous : *abdomen* villous white : *legs* black.
- Pectinicornis*. Thorax unarmed testaceous : antennæ short, pectinate.
Inhabits *Senegal*. *Oliv. Ins.* 66. *tab.* —
Antennæ shorter than the body : *jaws* exerted, 1-toothed.

b. *Jaw obtuse, 1-toothed. Cerambyx.*

- **Moschatius*. Changeable green purple or coppery : thorax spinous : antennæ moderate blue.
Found on the *Willow*. *Donovan's Engl. Ins.* iii. *plate* 94.
Body blue : *antennæ* and *legs* blue or brown.
When alive smells strongly of musk.
- Virens*. Thorax rounded spinous : body green : thighs rufous.
Inhabits *Jamaica*. *Oliv. Ins.* 67. *tab.* 11. *fig.* 78.
The *larva* is found in the trunk of the *Amyris balsamifera*.
Varies in having the *antennæ* longer or shorter than the body and the *thighs* toothed or unarmed.
- Nitens*. Thorax rounded subspinous : body shining green : thighs clavate, the club of the fore-ones rufous.
Inhabits *Africa*. *Oliv. Ins.* 67. *tab.* 17. *fig.* 107.
Antennæ black twice as long as the body : *hind-shanks* compressed.
Aset.

- Afer*. Thorax rounded spinous: body green: antennæ and legs rufous.
Inhabits *Africa*. *Oliv. Ins.* 67. tab. 19. fig. 141.
Front retuse: antennæ hardly longer than the body: shells tapering: 4 fore-thighs clavate.
- Festivus*. Thorax spinous green: shells violet green at the base, thighs ferruginous 1-toothed.
Inhabits *Africa*. *Oliv. Ins.* 67. tab. 7. fig. 44.
Antennæ moderate black, the first joint rufous: thorax with 2 obtuse spines each side: thighs ferruginous: shanks brown.
- Vittatus*. Thorax spinous: body green shining: thorax and shells with black lines.
Inhabits *Brasil*. *Oliv. Ins.* 67. tab. 2. fig. 10.
Antennæ moderate black: thorax with 2 dorsal black lines: shells obtuse with 2 lines: thighs unarmed rufous: shanks black.
- Velutinus*. Thorax spinous: body dark brown with a black fillet.
Inhabits *America*. *Oliv. Ins.* 67. tab. 6. fig. 41.
Antennæ moderate: shells obtuse: hind shanks compressed spinous.
- Brasilien-
sis*. Thorax spinous: body black silky: future and fillet on the shells green: thighs rufous.
Inhabits *Brasil*. *Cer. sericeus*. *Oliv. Ins.* 67. tab. 5. fig. 37.
Antennæ moderate black: head and thorax black velvety spotted with green: legs black: hind-thighs half rufous: hind-shanks compressed.
- Suturalis*. Thorax spinous: body black: future of the shells and fillet in the middle golden.
Inhabits *South America*. *Oliv. Ins.* 67. tab. 6. fig. 40.
Antennæ moderate: abdomen blueish beneath: thighs clavate.
- Elegans*. Thorax spinous and with the head brassy-green polished: shells dusky, long antennæ and legs rufous.
Inhabits *America*. *Oliv. Ins.* 67. tab. 5. fig. 35.
Antennæ twice as long as the body: body downy, gold rufous.
- Latipes*. Thorax spinous depressed: body greenish: shells coppery: shanks dilated compressed.
Inhabits the *Cape of good hope*. *Oliv. Ins.* 67. tab. 16. fig. 116.
Size of *C. moschatus*: antennæ moderate greenish: shells coppery, the margin a little greenish.
- Annularis*. Thorax subspinous: fourth joint of the antennæ bearded, second spinous.
Inhabits *Surinam*; black: base of the shells and sides of the thorax rufous.

Sentis. Thorax spinous smooth; shells pointed with 2 dots: antennæ long, prickly beneath.

Inhabits *India*. *Antennae* half as long again as the body.

Body grey with a white line from the *antennae* through the sides of the *thorax* and *abdomen*.

Ferrugineus. Thorax spinous, rugged: shells pointed pale ferruginous: antennæ long.

Inhabits *India*. *Mus. Lud. Ulr.* 70.

Longipes. Thorax subspinous, blue: body green: antennæ twice as long as the body: thighs clavate.

Inhabits the *Cape of good hope*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 3.

Antennae blue, dusky at the tip: *legs* long, blue.

Interruptus. Thorax spinous: black, shells with 3 linear white spots: antennæ short.

Inhabits——*Oliv. Inf.* 67. *tab.* 17. *fig.* 133.

Shells with a transverse white linear spot at the base and 2 in the middle: *hind-legs* long, the *shanks* compressed.

Cerdo. Thorax spinous, rugged: black; shells rounded: antennæ long.

Inhabits *Europe*. *Oliv. Ins.* 67. *tab.* 10. *fig.* 65.

Heros. Thorax spinous, rugged: black; shells subspinous, piceous: antennæ long.

Inhabits *Europe*, in the oak. *Oliv. Inf.* 67. *tab.* 1. *fig.* 1.

Spinicornis. Thorax subspinous: black; shells green, spinous at the tip.

Inhabits *Africa*. *Cer. torridus*. *Oliv. Ins.* 67. *tab.* 14. *fig.* 95.

Antennae long black, joints 3, 4, 5, 6, spinous at the tip: *thorax* with 3 tubercles each side, the lateral ones obtuse: *legs* black: *thighs* clavate subferruginous.

Annulatus. Thorax subspinous: black; antennæ moderate. annulate with rufous and black.

Inhabits the *Cape*. *Cerambyx ater*. *Oliv. Ins.* 70. *tab.* 3. *fig.* 32.

Much less than the former ones: *breast* cinereous: *legs* black: *thighs* reddish at the base: *hind-legs* long.

Batus. Thorax subspinous, rugged: shells spinous at the tip: antennæ long, with hooked prickles.

Inhabits *South America*. *Oliv. Ins.* 67. *tab.* 15. *fig.* 32.

A little less than *Cerambyx Heros*: *body* brown.

Ferrugineus. Thorax sharply spinous, rugged: black; shells ferruginous: antennæ long.

Inhabits *East India*. *Oliv. Ins.* 67. *tab.* 18. *fig.* 134.

Alpinus.

- Allpinus*. Thorax spinous: shells with a black band and 4 spots: antennæ long.
Inhabits Europe. *Oliv. Ins.* 67. tab. 9. fig. 58.
- Scalaris*. Thorax spinous: brown with a longitudinal white line: antennæ long.
Inhabits South America. *Antennæ* 3 times as long as the body.
Head brown: orbits and dorsal line white: thorax sharply spined, brown with a white dorsal line: shells brown with a white dot in the middle and indented suture.
- Ebulinus*. Thorax spinous: brassy-green: shells testaceous, antennæ short.
Inhabits the Cape. *Antennæ* ferrate; thorax unequal.
- Morio*. Thorax 2-spined, rugged: black; antennæ long, ferruginous.
Inhabits Cayenne.
Antennæ twice as long as the body, joints 1, 2 entirely 3, 4, 5 black at the base: thorax with 2 spines each side: shells impressed at the base truncate at the tip.
- Kæhleri*. Thorax spinous; black; shells ferruginous with a black spot.
Inhabits Southern Europe. *Oliv. Ins.* 67. tab. 3. fig. 13.
Thorax sometimes immaculate, sometimes marked with a rufous lateral spot: shells notched at the end.
- Lundii*. Thorax spinous: body sanguineous; antennæ, tips of the shells, abdomen and legs black.
Inhabits Tranquebar: size of the last.
Antennæ short: head sanguineous: jaws black: thorax gibbous: scutellum black: abdomen black with a rufous tubercle between the second pair of legs.
- Desfontainii*. Thorax spinous, sanguineous spotted with black: body black: shells sanguineous, black at the base and tip: antennæ very long.
Inhabits Barbary; size of *C. Kæhleri*.
- Succinctus*. Thorax 2-spined, rugged: shells with a yellow band: antennæ very long, compressed.
Inhabits America and Brazil. *Oliv. Ins.* 68. tab. 7. fig. 43.
- Desertus*. Thorax spinous with white lines: shells 2-toothed barred with white: antennæ long.
Inhabits America. *Mus. Lud. ult.* 71.

Striatus.

- Striatus*. Thorax subspinous, rugged: ferruginous; shells striate with yellow: antennæ long.
Inhabits *Cayenne*. *Oliv. Ins.* 67. *tab.* 10. *fig.* 71.
Antennæ cylindrical, twice as long as the body, ferruginous tip with black: *head* ferruginous with 3 vertical black dots: *thorax* dotted with black: *scutellum* black at the tip: *thighs* tip with black.
- Rufipes*. Thorax 2-spined, rufous: shells smooth black: antennæ long.
Inhabits *South America*. *Oliv. Ins.* 67. *tab.* 1. *fig.* 3.
Antennæ yellowish, the tips of the joints ferruginous: shells with a large impressed dot at the base: *legs* yellowish: *thighs* tip with black: *abdomen* black.
- Diridia-*
tus. Thorax 2-spined, rugged: yellow dotted with black: shells black, yellow at the base: antennæ moderate.
Inhabits *Cayenne*. *Oliv. Ins.* 67. *tab.* 14. *fig.* 96.
Antennæ yellow: *head* yellow with 3 vertical black dots: shells black, yellow at the base near the suture: *abdomen* half black.
- Bicolor*. Thorax 2-spined and tuberculate: ferruginous; shells at the tip and *abdomen* black.
Inhabits *Cayenne*. *Oliv. Ins.* 67. *tab.* 9. *fig.* 61.
Antennæ moderate, ferruginous at the base and tip with brown: shells with a large impressed dot at the base.
- Auricomus*. Thorax 4-spined: black: shells with 2 gold stripes: hind-legs very broad, compressed,
Inhabits *America*. *Gronov. Zooph.* *tab.* 16. *fig.* 1.
Antennæ a little longer than the body.
- Herbstii*. Thorax 1-spined each side, rugged: black; shells above green-gold with 2 red bands and margin at the tip.
Inhabits *America*. *Herbst. Arch.* 7. *tab.* 45. *fig.* 10.
- Platypus*. Grey; beneath, antennæ and legs blue: shells purple with a green-gold gloss and 2 raised lines.
Inhabits *India*. *Herbst. Arch.* 7. *tab.* 45. *fig.* 11.
- Depressus*. Thorax many-spined: body depressed black varied with cinereous: shells pointed: antennæ long.
Inhabits *S. American Islands*. *Oliv. Ins.* 67. *tab.* 5. *fig.* 30.
Head black with cinereous impressed villous spots: *thorax* with 4—5 short spines each side: shells striate.

- Fasciatus*. Thorax spinous: blue; shells with a yellow band: antennæ moderate, yellow before the tip.
 Inhabits *Tranquebar*. *Oliv. Ins.* 67. *tab.* 1. *fig.* 4.
Antennæ compressed blue, the 4 last joints but one yellow, the last blue: *legs* blue, the hind-ones compressed.
- Barbicornis*. Thorax spinous: 4 first joints of the antennæ bearded with black: body testaceous variegated with black.
 Inhabits *East India*. *Oliv. Ins.* 67. *tab.* 7. *fig.* 48.
- * *Nebulosus*. Thorax spinous: shells with black dots and bands: antennæ long.
 In the Trunks of pines. *Oliv. Ins.* 66. *tab.* 7. *fig.* 47.
- Mediocrus*. Thorax spinous, with fulvous down: shells black with a downy fulvous spot behind: antennæ moderate.
 Inhabits the *Cape of good hope*; *Cer. obscurus*. *Fabricius*.
Antennæ as long as the body, ferruginous at the base: shells a little rough: *legs* black: *thighs* yellowish.
- Germanicus*. Thorax spinous brown: shells smooth, with grey bands dotted with black: antennæ very long.
 Inhabits *Germany*. *Cerambyx griseus*. *Fabricius*.
Antennæ more than thrice as long as the body, the joints cinereous at the base and tip with black: *head* and *thorax* brown: *surface* of the shells dotted: *body* cinereous: *thighs* dotted with black: *shanks* tip with black.
- Costatus*. Thorax spinous: grey: shells with raised lines dotted with black and tip with brown: antennæ very long.
 Inhabits *Germany*; size of the last.
Antennæ twice as long as the body black, the joints whitish at the base: *thorax* 1-spined: shells grey at the base with 4 raised lines: *legs* grey.
- Fasciculatus*. Thorax spinous: shells entire with 3 rough dots: antennæ moderate, hairy.
 Inhabits *Germany*. *Panz. Natuf.* 24. *tab.* 1. *fig.* 44.
Head and *thorax* brown: shells paler at the base, entire at the tip: *legs* grey.
- * *Hispidus*. Thorax spinous: shells whitish at the base, the lower half brown, 2-toothed at the tip: antennæ moderate, hairy.
 Inhabits *Europe*. *Donovan's English Insects.* ii. *plate* 61. *fig.* 2. 3.
Antennæ longer than the body, alternately black and white: *head* and *thorax* brown: lower half of the shells brown a little variegated with white: *thighs* violet: *legs* brown.

- Pilosus*. Thorax 2-spined : shells grey, 1-toothed at the tip : antennæ moderate, hairy.
Inhabits Saxony. *Oliv. Ins.* 67. *tab.* 9. *fig.* 60.
Less than the last. *Shells* grey, paler at the base, with 3 raised dots.
- Balteatus*. Thorax spinous : body chestnut brown : shells with a brown band.
Inhabits Portugal. *Oliv. Ins.* 47. *tab.* 17. *fig.* 124.
Antennæ short : *thorax* with an obtuse spine, or rather a prominent angle.
- Rigicollis*. Thorax unarmed, very rough : body black : antennæ moderate : legs piceous.
Inhabits Tranquebar.
Antennæ compressed piceous : *shells* obtuse and nearly truncate.
- Muticus*. Thorax unarmed, rufous ; shells testaceous with a black spot : antennæ short.
Inhabits East India. *Cer. 2-maculatus. Fabricius.*
Antennæ villous, rufous : *thorax* tuberculate but hardly spinous : *shells* punctured : *legs* testaceous.
- Splendidus*. Thorax subspinous : rufous ; shells testaceous, black-blue at the base : antennæ short.
Inhabits Tranquebar ; size of the last.
Antennæ short, rufous at the base, testaceous in the middle and tip with brown : *head* punctured : *thorax* rounded punctured with an obtuse spine each side ; *shells* with 3 raised striæ ~~body~~ *body* villous : *abdomen* with a prominent tooth beneath and a corresponding groove in the thorax.
- Longicornis*. Thorax unarmed, flat : body brown varied with grey : antennæ very long.
Inhabits Coromandel.
Antennæ thrice as long as the body, black, the joints cinereous at the base : *head* cinereous, the base and lateral line black : *shells* striate punctured : *body* cinereous.
- Marginalis*. Thorax unarmed ; shells subtestaceous edged round with black.
Inhabits the Cape of good hope.
Antennæ moderate piceous : *head* brown : *thorax* ovate brown, the fore and hind edge black.

- Brevicornis*. Thorax unarmed: green; shells dusky: antennæ short black.
Inhabits *Sierra Leona*. *Oliv. Ins.* 70. *tab.* 2. *fig.* 22.
Antennæ compressed: *thorax* punctured: *shells* smooth dull green: *legs* black: *thighs* clavate, the 4 fore-ones rufous the 2 last black.
- * *Lineatocollis*. Thorax unarmed, cylindrical with yellow lines: body entirely covered with greenish hair: shells brown immaculate.
Inhabits *England*. *Donovan's Eng. Ins.* vi. *plate* 209.
Antennæ moderate, annulate with blue and black: *shells* rounded.
- Juvencus*. Thorax unarmed rugged: shells pointed, black with hoary down: antennæ very long.
Inhabits *America*. *Antennæ* half as long again as the body.
- Holofericus*. Thorax unarmed rugged: grey: shells 1-toothed, silky with a brown and cinereous hue: antennæ moderate.
Inhabits *East India*. *Oliv. Ins.* 62. *tab.* 17. *fig.* 127.
- Cinereus*. Thorax unarmed, a little rugged: cinereous immaculate: antennæ very long.
Inhabits *Tranquebar*; long.
Antennæ twice as long as the body: *head* large prominent: *shells* obtuse, nearly emarginate.
- Longicollis*. Thorax unarmed, long, cylindrical: black speckled with ferruginous: antennæ very long.
Inhabits *East India*. *Oliv. Ins.* 67. *tab.* 11. *fig.* 73.
Antennæ twice as long as the body; *scutellum* ferruginous: *legs* brown, the 4 fore-thighs 1-toothed at the tip: *fore-claws* villous beneath.
- Lusitanus*. Thorax spinous: body testaceous: shells with a pale undulate band.
Inhabits *Portugal*: probably not of this tribe.
- Balteus*. Thorax spinous: body ferruginous: abdomen ovate: shells with a blackish band.
Inhabits *Portugal*; of an uncertain division.
- * *Smirnenfis*. Thorax roundish, subconvex, mucronate at the sides.
Inhabits *Syria*. *Hasselt. It. Pal.* p. 451. An indistinct species.

c. *Jaw bifid, horny. Lamia.*

- Gigas.* Thorax sharply spined, rugged: shells cinereous with a black marginal spot, rough and 2-tubercled at the base: antennæ long.
 Inhabits *Guinea*; large. *Oliv. Ins.* 67. tab. 23. fig. 91.
Antennæ twice as long as the body, pale testaceous: *thorax* rounded, with a strong erect spine each side: *body* brown: second pair of *shanks* 1-toothed.
- Tribulus.* Thorax 4-spined: scutel and shells spinous; antennæ longer than the body.
 Inhabits *Africa.* *Oliv. Ins.* 67. tab. 14. fig. 100.
Antennæ longer than the body, brown the joints cinereous at the base: *head* varied with brown and cinereous: *thorax* rounded, with 2 cinereous dots at the base of the middle spines: *scutel* with 2 short denticles: *shells* variegated with brown and cinereous, pointed at the end, with a short denticle: *legs* varied with brown and cinereous: *middle-shanks* with a small tubercle at the end.
- Fonticornis.* Thorax spinous: front with a projecting recurved notched horn; antennæ long.
 Inhabits the *Cape.* *Cer.* 2-punctatus *Drury* 2. tab. 31. fig. 1.
Antennæ brown, the joints tipt with black: *thorax* spinous, a little rugged, brown with a broad white line each side beneath: *shells* brown with a few raised dots at the base, 2 ocellate black spots near the middle and a larger whitish one behind.
- Pedicornis.* Thorax and shells spinous: fore-thighs horned:
 Inhabits *New Holland.* *Oliv. Ins.* 67. tab. 16. fig. 119.
Head grey: *antennæ* villous moderate: *thorax* grey, rounded, with 6 dorsal erect spines: *shells* grey with a lunate marginal cinereous spot and band in the middle, and at the base many erect black spines: *legs* grey: *fore-thighs* with a long curved sharp horn.
- Hystrix.* Thorax 5-spined: shells with tufts of hairs: antennæ moderate, ferrate.
 Inhabits the *Cape of good hope.* *Oliv. Ins.* 67. tab. 15. fig. 110.
Antennæ hairy, deeply ferrate at the tip, testaceous, the joints rufous at the tip: *head* hairy-grey: *thorax* with 2 raised tubercles before the middle spine: *shells* varied with flesh-colour and brown: *body* small cinereous.

- Crista*. Thorax sharply spined: grey; shells with a compressed 3-toothed tubercle at the base.
 Inhabits *New Zealand*. *Oliv. Ins.* 67. *tab.* 14. *fig.* 101.
Antennæ a little longer than the body, cinereous, the joints tipped with black: *thorax* with a sharp spine each side, and under the spine a fulvous dot; *shells* grey before, behind pale with a small oblique black streak: *thighs* clavate black, the club grey: *shanks* grey tipped with black.
- Ambulator*. Thorax 2-spined each side before: body clouded.
 Inhabits *America*. *Petiv. Gazoph.* *tab.* 37. *fig.* 6.
Antennæ moderate: *thorax* and *shells* clouded with chestnut and cinereous: *spines* on the *thorax* one above the other.
- * *Testor*. Thorax spinous: shells convex black: antennæ moderate.
 Inhabits *Europe*. *Oliv. Ins.* 67. *tab.* 6. *fig.* 39.
- Vaginator*. Thorax spinous, rugged: black; shells ferruginous emarginate: antennæ moderate.
 Inhabits *East India*.
Antennæ compressed: *scutellum* cinereous villous: *shells* smooth, gibbous at the base, notched at the end: *body* beneath covered with cinereous down.
- Crucifer*. Thorax spinous: black; shells with a cinereous semicircular fillet and marginal dot: antennæ long.
 Inhabits—*Oliv. Inf.* 67. *tab.* 10. *fig.* 68.
Antennæ twice as long as the body: *thorax* with an oblique obsolete ferruginous line each side: *legs* blackish.
- Pulcher*. Thorax spinous: black with green bands before and dots behind: shells mucronate at the base.
 Inhabits *Africa*. *Oliv. Inf.* 67. *tab.* 1. *fig.* 6.
Antennæ much longer than the body, black: *head* black with 3 green stripes, the lateral ones surrounding the eyes: *thorax* with 3 green striæ, the middle one curved and in the curvature another small green abbreviated streak: *shells* punctured with 2 raised truncate denticles, mucronate: *body* beneath variegated with black and green.
- Regalis*. Thorax spinous, barred with green: shells speckled with green and with 3 fulvous spots.
 Inhabits *Africa*. *Oliv. Inf.* 67. *tab.* 4. *fig.* 24.
Antennæ longer than the body, black: *head* black lined with green, a fulvous spot under the eyes: *thorax* black with 3 impressed green bands: *shells* substriate black: *body* beneath green: *abdomen* with a line of fulvous dots each side.

- Undatus*. Thorax unarmed: cinereous; thorax with a black waved band, shells with 2.
Inhabits—*Oliv. Inf. 67. tab. 4. fig. 26.*
Antennæ longer than the body, black.
- Irroratus*. Thorax spinous, varied with brown and ferruginous: shells black speckled with ferruginous: antennæ moderate.
Inhabits *East India. Voet. Coleopt. 2. tab. 7. fig. 18.*
Antennæ cinereous: *scutellum* ferruginous: shells pointed at the tip: body and legs variegated.
- Nigricornis*. Thorax unarmed: grey: shells flat: antennæ short black.
Inhabits *Coromandel*. Grey mixed above with testaceous.
Shells with a few marginal impressed dots at the base, the tip obtuse and nearly truncate.
- *Ædilis*. Thorax spinous with 4 pale yellow dots: shells obtuse grey shaded with brown: antennæ very long.
Inhabits *Europe. Donovan. Eng. Inf. ii. plate 72.*
Antennæ thrice as long as the body: body grey sprinkled with yellow and dark brown spots.
- Atomarius*. Thorax spinous and tuberculate: cinereous; shells varied with brown, rough with black raised dots: antennæ long.
Inhabits *Germany*; something less than *Cer. ædilis*.
Antennæ longer than the body, varied with cinereous and black: shells with 4 raised lines meeting behind and sprinkled with black dots: body cinereous speckled with black.
- Varius*. Thorax spinous and tuberculate: body varied with cinereous and black: thighs clavate: antennæ moderate.
Inhabits *Southern Europe. Oliv. Inf. 67. tab. 3. fig. 16.*
Antennæ annulate with cinereous and black: head brown: shells rounded: body beneath dark brown: shanks black annulate with cinereous.
- Araneiformis*. Thorax spinous and tuberculate: shells porous: antennæ long, the fifth joint 1-toothed.
Inhabits *South America. Oliv. Ins. 67. tab. 5. fig. 34.*
- Punctatus*. Thorax spinous: body brown dotted with white.
Inhabits *Cayenne. Oliv. Inf. 67. tab. 9. fig. 33. 34.*
Antennæ moderate black: head black with 2 white dots above the lip and 2 vertical ones: thorax with 2 larger marginal white dots and 2 smaller dorsal ones: shells black speckled with white.

- Nodosus*. Thorax spinous: shells cinereous spotted with black: antennæ very long, the third joint gibbous at the tip.
Inhabits *Maryland*. *Oliv. Inf.* 67. tab. 14. fig. 103.
Antennæ 4 times as long as the body: shells flat rounded.
- Cancriformis*. Thorax many-toothed, flat: shells and fore-shanks 1-toothed.
Inhabits *Jamaica*. *Cer. pustulatus*. *Drury* 2. tab. 35. fig. 1.
Antennæ long, the first joint 1 toothed at the tip: thorax cinereous with 5 or 6 small teeth on the margin disposed in 2 rows: shells cinereous sprinkled with raised brown dots: thighs clavate.
- Tuberculatus*. Thorax spinous and tuberculate: shells punctured and spinous: antennæ long.
Inhabits *Jamaica*. *Oliv. Inf.* 67. tab. 16. fig. 114.
Antennæ brown, the joints cinereous at the tip: body grey: shells with an angular white band: legs black: shanks with a white ring.
- Hebraeus*. Thorax sharply toothed, bicarinate on the back: shells cinereous, striate and spotted with brown.
Inhabits *South America*. *Oliv. Inf.* 67. tab. 15. fig. 106.
Antennæ short black: shells rounded: legs cinereous.
- Horridus*. Thorax sharply spined: cinereous; shells spinous: antennæ long.
Inhabits *Cayenne*. *Oliv. Inf.* 67. tab. 4. fig. 29.
Antennæ cinereous, the joints tipped with black: thorax with a strong sharp curved spine.
- Scorpio*. Thorax 4-spined: shells with granulate tubercles: fore-shanks dilated at the tip.
Inhabits *South America*. *Oliv. Inf.* 67. tab. 3. fig. 19.
Antennæ short cinereous, the joints tipped with black: legs short.
- Glaucus*. Thorax 5-spined: glaucous; shells prickly, the sides and band black: antennæ long.
Inhabits *America*. *Degeer Ins.* 5, 7, 13. tab. 14. fig. 4.
Shells 1-toothed at the tip.
- Bidentatus*. Thorax subspinous: shells 2-toothed, rough, brownish.
Inhabits *America*. *Voet. Coleop.* 2. tab. 15. fig. 62.
Antennæ long grey, the joints tipped with brown: thorax unequal with an obtuse spine each side: shells rough with raised dots: thighs clavate: body cinereous shaded with brown.

Scaber. Thorax spinous and tuberculate: shells rough at the base, 2-toothed at the tip: antennæ very long.
Inhabits—*Oliv. Ins.* 67 tab. 17. fig. 128.
Antennæ testaceous at the base, cinereous at the tip: *thorax* cinereous with a small sharp spine each side: *shells* testaceous: *body* cinereous: *thighs* clavate.

Praemorsus. Thorax tuberculate: shells punctured cinereous, the tip brown and 2-toothed: antennæ long.
Inhabits *Guadeloupe*: small.
Antennæ twice as long as the body, cinereous; the joints tipped with brown: *thorax* cinereous with 3 dorsal tubercles and 2 black spots at the base each side: *shells* with a few raised dots: *thighs* clavate.

Spinifer. Thorax spinous, with cinereous down: shells testaceous, 2-toothed: antennæ long.
Inhabits *South America*: middle-sized.
Antennæ longer than the body: *scutellum* inclining to yellow: *shells* smooth.

Grisator. Thorax unarmed: grey; shells spinous at the tip, 2-tubercled at the base: antennæ short villous.
Inhabits *Tranquebar*. Suture of the *shells* ferrate.

Edificator. Thorax spinous and tuberculate: grey; shells 2-tubercled at the base: antennæ moderate.
Inhabits *East India*; middle-sized.
Antennæ hairy: *head* grooved: *lip* rounded yellowish: *shells* truncate, the angle of the base a little elevated.

Amputator. Thorax spinous: shells cinereous speckled with black and marked with numerous testaceous spots.
Inhabits *South American Islands*, and is said to gnaw round and cut off the larger branches of trees.
Antennæ long cinereous: *thorax* with a raised ridge in the middle.

Sternutator. Thorax spinous: shells porous at the base: antennæ moderate.
Inhabits *Barbadoes*.
Antennæ blackish: *thorax* unequal: *shells* obtuse: *body* beneath covered with yellow down.

- Spinator*. Thorax spinous, finely wrought: base of the shells finely wrought, tip with grey: antennæ moderate.
Inhabits the *Cape of good hope*; resembles the last.
Antennæ black, cinereous at the tip: *thorax* and base of the *shells* with fine engraved lines: *shells* downy at the tip: *body* dark grey.
- Guttator*. Thorax spinous: shells testaceous speckled with white, the base with glabrous raised dots.
Inhabits *Africa*. *Oliv. Ins.* 67, *tab.* 13. *fig.* 92.
Head testaceous with a longitudinal black line: *thorax* testaceous with a transverse ridge in the middle: *shells* obtuse, with yellowish atoms and a few raised red dots at the base.
- * *Nebulator* Thorax unarmed: ferruginous with black lines: shells varied with brown and ferruginous, and a cinereous marginal spot: antennæ moderate.
Inhabits *Europe*. *Oliv. Ins.* 67. *tab.* 3. *fig.* 15.
Antennæ black, the joints cinereous at the base: *shells* punctured: *legs* brown.
- Repandator* Thorax spinous: dusky; shells with a whitish serpentine line behind: the base with raised black dots.
Inhabits *Cayenne*; size of the last.
Antennæ brown, longer than the body: *abdomen* whitish.
- Variolator*. Thorax spinous lineate: shells brown with a semicircular white line.
Inhabits *India*.
Antennæ longer than the body: *thorax* brown with a dorsal and lateral white line: *shells* obtuse.
- Sutor*. Thorax spinous: shells black spotted with ferruginous: scutel yellow: antennæ very long.
Inhabits woods of *Europe*. *Oliv. Ins.* 67. *tab.* 3. *fig.* 20.
- Sartor*. Thorax spinous: black; scutel yellow: shells immaculate: antennæ very long.
Inhabits *Dresden*; larger than the last.
Front deeply grooved between the *antennæ*.
- Dentator*. Thorax spinous: body varied with cinereous and brown.
Inhabits *Carolina*; size of *Cer. sutor*.
Antennæ thrice as long as the body, ferruginous, black at the base: *middle-shanks* compressed with a small dorsal tooth towards the tip.

- Reticulator.* Thorax spinous: black; thorax and shells fulvous, the former with black lines: shells reticulate.
Inhabits *East India*. *Oliv. Ins.* 67. tab. 12. fig. 85.
Antennae moderate, ferruginous, the first joint black, the second clavate at the base and tip and villous: *thorax* fulvous with 2 black lines: *shells* reticulate with black, notched at the tip.
- Scalator.* Thorax sharply spined: black; shells with numerous interrupted white streaks: antennæ moderate.
Inhabits *Louisiana*: size of *Cer. reticulator*.
Head black, band above the shield and *orbits* white: sides of the *thorax* and 2 broad lines white: *shells* black polished, the edge and future white branching out into numerous interrupted streaks: *body* covered with cinereous down.
- Molator.* Thorax subspinous: dull cinereous spotted with brown: shells rufous at the tip.
Inhabits *Cayenne*. *Oliv. Ins.* 67. tab. 14. fig. 99.
Antennae moderate, brown: *head* cinereous: *front* rufous: *thorax* rufous on the fore and hind margin: *shells* obtuse: *abdomen* pale rufous.
- Titillator.* Thorax spinous: shells clouded with cinereous brown and glaucous: antennæ long, rufous.
Inhabits *Carolina*. *Oliv. Ins.* 67. tab. 15. fig. 109.
Antennae red, the first joint brown: *thorax* with 2 minute tubercles before: *shells* punctured, cinereous with irregular brown and glaucous spots: *shanks* rufous, the second pair with a small gibbosity.
- Vittator.* Thorax spinous: shells cinereous, finely speckled, with 2 yellow fillets and edged with black.
Inhabits *Campechy*. *Oliv. Ins.* 67. tab. 15. fig. 104.
Antennae moderate varied with cinereous and brown: *thorax* cinereous with 3 black lines: *shells* with a few black spots at the base.
- Oculator.* Thorax spinous: black; shells with 4 subocellate yellow spots: antennæ long.
Inhabits the *Cape of good hope*. *Oliv. Ins.* 67. tab. 2. fig. 11.
Thorax with 2 fine yellow impressed streaks before and behind: *shells* substriate, the yellow spots surrounded with a white ring.
- Capensis.* Thorax 2-spined: black; shells with 4 rufous bands: antennæ moderate.
Inhabits the *Cape of Good Hope*. *Oliv. Ins.* 67. tab. 8. fig. 51.

Hottentottus Thorax spinous rufous: shells black with a red band and 2 marginal spots.

Inhabits the *Cape of good hope*. *Oliv. Inf. 67. tab. 4. fig. 27.*

Antennae moderate: *thorax* rough: *shells* with a brassy tinge.

Ferrugator. Thorax spinous: dull ferruginous: shells dull greenish with an interrupted sanguineous streak: antennæ long.

Inhabits the *Cape of Good Hope*.

Antennae black: *thorax* a little rugged with a small tooth each side: *shells* punctured: *legs* ferruginous: *tarsi* black: *middle-shanks* slightly toothed without.

Humeralis. Thorax spinous: shells yellow barred with black, mucronate at the base.

Antennae longer than the body, black: *head* yellow with 4 black lines: *thorax* yellow with 3 black bands, the base notched each side: *sternum* projecting, 2-toothed at the tip.

5-fasciatus. Thorax 2-spined: black; shells with 5 red bands: antennæ moderate.

Inhabits *Guinea*; size of the last.

Thorax rough, with 2 short spines each side: *shells* rough at the base.

Trifasciatus Thorax subspinous; black: shells with 3 yellow bands: antennæ moderate.

Inhabits *Sierra Leona*. *Oliv. Inf. 67. tab. 16. fig. 121.*

Bivittatus. Thorax spinous, sinuate behind: shells yellow with 2 blue bands and a blue rhombic spot.

Inhabits *Jamaica*. *Lamia bifasciata*. *Fabricius*.

Antennae black, a little longer than the body: *head* yellow: *orbits* blue: *scutellum* blue at the base and tip: *legs* yellow: *thighs* blue.

Nobilis. Thorax spinous, black, edged with yellow: shells black with 3 yellow bands and 2 white dots.

Inhabits *Cayenne*.

Antennae moderate, black: *head* black with a yellow frontal spot and 2 between the eyes: *thorax* velvety, the base white: between the bands 2, 3 on the *shells* are 2 white dots.

- Ethiops.* Thorax spinous: black; shells with 2 yellow bands and dot at the tip: antennæ moderate.
Inhabits the *Cape of good hope.* Oliv. Ins. 67. tab. 1. fig. 2.
Head channelled; thorax a little rugged: shells velvety: legs compressed.
- Variegator.* Thorax spinous: cinereous: thorax and shells variegated with brown: antennæ long.
Inhabits *Africa.* Oliv. Ins. 67. tab. 16. fig. 112.
Antennæ brown: mouth black.
- Curculionoides.* Thorax unarmed: brown; thorax and shells with 4 black ocellate spots.
Inhabits *Southern Europe.* Oliv. Ins. 67. tab. 10. fig. 69.
- Lufcus.* Thorax spinous rugged: black speckled with ferruginous: shells with a black ocellate spot at the base: antennæ very long.
Inhabits *Siam.*
Head black with a few ferruginous dots; thorax with a line of ferruginous dots each side: shells nearly truncate: middle-shanks 1-toothed on the back.
- Notatus.* Thorax spinous: dusky; shells with 2 approximate black dots.
Inhabits *Cayenne.*
Antennæ moderate: head above brown beneath black: thorax with a streak of impressed dots: shells punctured.
- Italicus.* Thorax sharply spined: black: shells rough, with obsolete ferruginous dots: antennæ very long.
Inhabits *Italy.* *Lamia lugubris.* Fabricius.
Antennæ black, twice as long as the body: 4-fore-shanks with a small tooth at the tip.
- Tristis.* Thorax spinous: brown; shells rough with 2 black spots: antennæ moderate.
Inhabits *France,* on the Cypress. Oliv. Ins. 67. tab 9. fig. 62.
Antennæ in one sex as long as the body, in the other twice as long.
- Funestus.* Thorax spinous: brown: shells smooth with 2 black spots: antennæ short.
Inhabits *France,* on the Elder. Oliv. Ins. 67. tab. 9. fig. 63.
Half the size of the last: shells scarcely rough.
- Punctator.* Thorax spinous: black; shells dotted with white: antennæ long.
Inhabits *China.* Oliv. Ins. 67. tab. 3. fig. 18.
Antennæ black, the joints pale at the base, shells rough at the base.
Crispus.

- Crispus*. Thorax spinous: shells with 3 raised slightly ferrate lines: body cinereous: antennæ moderate.
Inhabits the *Cape of good hope*. *Oliv. Ins.* 67. tab. 3. fig. 18.
- Fascicularis*. Thorax spinous and hairy: shells with tufts of hairs.
Inhabits *Cayenne*. *Oliv. Ins.* 67. tab. 17. fig. 131.
Antennæ moderate black, the first joint villous yellow: shells brown with a whitish dot or two, a raised sutural black line: and 3 tufts of hairs at the base with 2 pair near the tip: legs variegated.
- Rotator*. Thorax spinous; cinereous; shells subfasciate: antennæ moderate.
Inhabits *India*. *Oliv. Ins.* 67. tab. 17. fig. 126.
Joints of the *antennæ* cinereous tip with brown: head grooved: shells cinereous slightly barred with brown.
- Glycyrrhis*. Thorax spinous: black: shells bicarinate, with white lines: legs ferruginous: antennæ short.
Inhabits *Siberia*. *Oliv. Ins.* 67. tab. 16. fig. 115.
Head black with a whitish blotch at the base: antennæ black, the first joint ferruginous tip with black: thorax with 33 white lines: future white: legs ferruginous tip with white.
- Cruciatus*. Thorax spinous: black; shells with a white cross in the middle.
Inhabits *Russia*. *Pall. Icon.* tab. F. fig. 5.
Antennæ short black: thorax black with a dorsal white line: shells black, the future white crossed by a white bar.
- Fuliginator*. Thorax subspinous: black; shells pale ash: antennæ short.
Inhabits *Southern Europe*. *Oliv. Ins.* 67. tab. 4. fig. 21.
Grows more and more black as it advances in age.
- Cinerarius*. Thorax spinous; pale ash; antennæ short.
Inhabits *Russia*. *Pall. Icon.* tab. F. fig. 11.
Half the size of the former, and entirely pale cinereous.
- Carinatus*. Thorax spinous: black: shells piceous with a lateral whitish raised ridge: antennæ short.
Inhabits *Siberia*.
Head and thorax punctured: shells obtuse: body beneath whitish.
- Coquus*. Thorax subspinous: body hairy; shells obtuse, grooved: black, ferruginous before: antennæ moderate.
Inhabits *North America*. Spines of the thorax very minute.

- Rufpator*. Thorax spinous brown with 2 ferruginous dots: shells brown variegated with cinereous.
Inhabits *Africa*. *Oliv. Ins.* 67. *tab.* 17. *fig.* 129.
Antennæ moderate: *scutellum* ferruginous: shells punctured: body brown.
- Tornator*. Thorax spinous with 4 dots: shells rufous with 4 black spots: antennæ short.
Inhabits *North America*. *Oliv. Ins.* 67. *tab.* 8. *fig.* 52.
Antennæ black: head rufous with a raised black dot at the base of the antennæ: body beneath black with a cinereous shade.
- Bankii*. Thorax spinous: grey; shells with ferruginous specks and 2 cinereous bands.
Inhabits the *Cape of Good Hope*. *Oliv. Ins.* 67. *tab.* 15. *fig.* 111.
Small: antennæ moderate varied with cinereous and brown: thorax with 2 spines each side, speckled with ferruginous.
- Saltator*. Thorax unarmed: grey; shells with 2 abbreviated white bands consisting of 3 or 4 spots and a white punctured streak behind: antennæ short.
Inhabits——Small.
Thorax with a dorsal white line: shells punctured obtuse.
- Histrion*. Thorax unarmed: yellowish with numerous scattered snowy dots: antennæ short.
Inhabits *Tranquebar*.
Antennæ grey: head punctured: thorax rounded: body yellowish.
- Testator*. Thorax spinous, with a short recumbent horn: body testaceous: antennæ short tipped with black.
Inhabits *Africa*. *Oliv. Ins.* 67. *tab.* 16. *fig.* 122.
Body small villous: head large, with a flat front: thorax with a short broad horn in the middle: shells striate.
- Pedestris*. Thorax spinous: black with an entire white band: antennæ moderate.
Inhabits *Southern Europe*. *Oliv. Ins.* 67. *tab.* 4. *fig.* 23.
- Hungaricus*. Thorax spinous: black; shells with a white suture: base of the antennæ and legs rufous.
Inhabits *Hungary*. *Lamia rufipes*. *Fabricius*.
Antennæ compressed black, the first joint rufous: head and thorax rufous: shells smooth black, the suture rufous: legs rufous.

- Maurus*. Thorax spinous and with the shells black or testaceous: antennæ short.
Inhabits Southern Germany. *Oliv. Ins.* 67. tab. 10. fig. 67.
Antennæ black, the first joint sometimes testaceous: *body* and *legs* sometimes black, sometimes testaceous.
- Lineatus*. Thorax spinous: black; margin of the shells and 2 lines meeting at each end white.
Inhabits Germany. *Cer. Scopoli. Herbst. Arch. tab.* 25. fig. 11.
Head and *thorax* black with a white dorsal line.
- Molitor*. Thorax spinous: brown with 3 entire white fillets: antennæ moderate,
Inhabits India. *Oliv. Ins.* 67. tab. 12. fig. 84.
Body brown with 3 white lines drawn from the head to the end of the shells: at the base of the *shells* a small line between the broader one: *thorax* with a lateral tubercle.
- Tuberculater*. Thorax unarmed: grey; shells 2-tubercled at the base, with 2 common white spots: antennæ short.
Inhabits the Cape of good hope. *Oliv. Ins.* 67. tab. 16. fig. 120.
Antennæ cinereous: *tubercles* compressed, near the suture.
- Mutator*. Thorax unarmed cinereous with a pale line each side: body villous: antennæ and legs testaceous.
Inhabits Otaheite. *Oliv. Ins.* 67. tab. 14. fig. 102.
Antennæ moderate: *shells* punctured obtuse.
- Rubus*. Thorax spinous. with 2 spots: shells rough at the base and mucronate at each end.
Inhabits India. *Oliv. Ins.* 67. tab. 7. fig. 57.
- 8-maculatus*. Thorax spinous with 2 lunate yellowish impressed spots: shells spotted with white, rough and mucronate at the base, 2-toothed at the tip.
Inhabits Tranquebar: a little less than the last:
Antennæ longer than the body, black rough: *scutellum* whitish: *shells* cinereous with 4 white spots.
- Spisifrons*. Thorax spinous, rugged: shells truncate grey: antennæ compressed, the joints spinous at the tip.
Inhabits Africa. *Oliv. Ins.* 67. tab. 5. fig. 33.
Antennæ moderate: *shells* subspinous at the tip.
- Scabrator*. Thorax spinous: subtestaceous; shells with rough black dots at the base.
Inhabits East India. *Oliv. Ins.* 67. tab. 3. fig. 14. a. b.
Antennæ moderate, the joints tipped with black: *shells* slightly notched at the tip and pointed at the suture.

Spengleri.

- Spengleri*. Thorax spinous and tuberculate: cinereous; shells rough, with 2 lateral black spots.
Inhabits *South America*.
Antennae long, the joints tip with brown: *thorax* obtusely spined, with 3 dorsal tubercles: *shells* pointed.
- Fuscator*. Thorax 2-spined, tuberculate: shells grey with a cinereous band, 3-toothed at the tip.
Inhabits *Tranquebar*: middle sized.
Antennae as long as the body: *thorax* unequal, 2-spined each side, with a large obtuse tubercle above the spines: *shells* speckled with ferruginous.
- Bidens*. Thorax sharply spined: grey; shells 2-toothed at the tip.
Inhabits *New Holland*. *Antennae* long: legs unarmed.
- Cantor*. Thorax unarmed cinereous dotted with black: shells pale testaceous, 2-toothed at the tip.
Inhabits *China*.
Antennae moderate black: *head* cinereous with 2 black dots and a black line at the base: *scutellum* black edged with cinereous: *shells* spotted with black: *body* and *legs* black with cinereous down.
- Solandri*. Thorax subspinous: black; shells 2-toothed, brown with cinereous specks.
Inhabits *New Holland*. *Oliv. Ins.* 67. *tab.* 16. *fig.* 118.
Antennae moderate: *thorax* a little rugged: *shells* punctured, gibbous at the shoulder: *legs* black, brown at the ends.
- Cornutor*. Thorax obtusely spined: jaws horned at the base: antennae very long.
Inhabits *America*. *Oliv. Ins.* 67. *tab.* 17. *fig.* 132.
Antennae black: *head* grooved: *mandibles* projecting, with a strong horn like tubercle at the base: *thorax* black: *shells* punctured, black spotted with yellow, a small inflected spine at the base, the tip rounded unarmed.
- Leprosus*. Thorax spinous: shells variolous at the base, cinereous with a black lateral spot: antennae long.
Inhabits *America*.
Antennae dull rufous: *shells* with a small black dot at the tip: *abdomen* with a snowy spot each side at the base.
- Brunnus*. Chestnut-brown: thorax 3-spined: shells obtuse with 2 raised dusky lines: antennae compressed short.
Inhabits *South America*. *Drury Ins.* 1. *tab.* 37. *fig.* 1.
An obscure and not sufficiently distinct species.

- Fulvus*. Apterous, black : thorax spinous : shells red, shorter than the abdomen.
Inhabits *Austria*. *Herbst. Arch.* 5. tab. 25. fig. 10.
- Ungaricus*. Black ; thorax spinous with a white line : sutures of the shells and 3 lines white.
Inhabits *Hungary*. *Herbst. Arch.* 5. tab. 25. fig. 11.
- Trifascialis*. Thorax spinous : shells convex black with 3 interrupted scarlet bands : antennæ long.
Inhabits out of *Europe*. *Mus. Lesh.* p. 24. n. 534.
- Luteus*. Oblong ; thorax 4-spined yellow with 3 brown lines ; antennæ black, the base and legs yellow : shells 2-spined at the tip, yellowish, the margin and 2 ridges brown.
Inhabits out of *Europe*. *Mus. Lesh.* p. 24. n. 535.
- Daviesii*. Black ; thorax spinous with numerous fulvous spots and dots : shells nearly triangular.
Inhabits *Hindras Bay*. *Stockh. Trans.* 1787. tab. 8. fig. 6.
- d. *Jaw bifid, membranaceous : thorax unarmed*. *Saperda*.
- Carcharias*. Body grey dotted with black : antennæ moderate.
Inhabits woods of *Europe*. *Oliv. Ins.* 68. tab. 2. fig. 22.
- Confluens*. Black ; antennæ moderate : shells with confluent dots.
Inhabits *Europe*. *Mus. Lesh.* p. 26. n. 557.
- Fascicornis*. Testaceous thorax tuberculate each side : thighs clavate, ferruginous : antennæ brown,
Inhabits *Europe*. *Mus. Lesh.* p. 26. n. 558.
- Surinamus*. Body subferruginous : shells with a brown blotch or two : antennæ moderate.
Inhabits *Surinam*. Shells ending in a sharp spine.
- Scalaris*. Shells with an indented sutural yellow line and yellow dots : antennæ moderate.
Inhabits *Europe*. *Oliv. Ins.* 68. tab. 1. fig. 7.
- Candidus*. White ; thorax and shells brown with 2 white fillets.
Inhabits——. Shells obtuse, smooth.
- Barbaricus*. Black with cinereous down : thorax with a white dorsal line : shells with a white fillet : antennæ short.
Inhabits *Barbary*. *Saperda detrita*. *Fabricius*.
Antennæ hardly as long as the body : head white near the eyes
scutellum white : shells punctured rounded.

- Roridus*. Black, shells dotted with white antennæ : long.
 Inhabits *Africa* : on plants.
 Joints of the antennæ white at the base : thorax with an interrupted white line : shells smooth.
- Modestus*. Black ; head thorax and tail ferruginous.
 Inhabits hot parts of *Africa*.
 Shells striate punctured, emarginate at the tip : abdomen covered with shining cinereous down.
- Atricornis*. Ferruginous ; antennæ and tip of the abdomen above black.
 Inhabits *China* ; resembles the last.
 Antennæ black nearly as long as the body : last segment of the abdomen with 2 white lines, beneath covered with silvery down and rufous at the end : shells striate punctured, notched at the end : wings ferruginous tipped with black.
- * *Oculatus*. Thorax yellow with 2 black dots : shells black.
 Inhabits Woods of *Europe*. *Oliv. Ins.* 68. tab. 1. fig. 4.
- Tricolor*. Ferruginous ; shells greenish, striate punctured, 2-toothed : antennæ black.
 Inhabits *East India* ; less than the last.
 Antennæ as long as the body : thorax fulvous with 3 obsolete dots at the base : shells notched at the end : legs tipped with black.
- Hirtus*. Ferruginous with grey down : scutellum and orbits fulvous.
 Inhabits *New Holland*.
 Antennæ as long as the body : head grey with 4 yellowish spots at the base : shells obtuse.
- Unicolor*. Testaceous : antennæ and legs the same colour : antennæ long.
 Inhabits *Amsterdam Island*.
 Thorax punctured : scutellum grey.
- * *Linearis*. Cylindrical, black : legs yellow : antennæ moderate.
 Inhabits *Europe*. *Oliv. Ins.* 68. tab. 2. fig. 13.
- Nigripes*. Cylindrical, black : thorax with 2 cinereous lines, scutellum cinereous : legs black.
 Inhabits *Hungary* ; larger than *Cer. cylindricus*.
 Antennæ nearly as long as the body : shells rounded punctured.

- * *Cylindricus*. Cylindrical: black: fore-legs yellow.
Inhabits *Europe*. *Oliv. Ins.* 68. *tab.* 2. *fig.* 111.
Found on the branches of the Pear and Plumb tree.
- Tripunctatus*. Cylindrical, black: thorax ferruginous above with 3 black dots.
Inhabits *Virginia*. Size of *Cer. cylindricus*.
Antennæ moderate: villous: *shells* punctured striate.
- Melanocephalus*. Body black: thorax and legs rufous.
Inhabits *Africa*.
Antennæ moderate: *head* and *body* black.
- Pilicornis*. Violet: first and second joints of the *antennæ* clavate and hairy.
Inhabits *South America*. *Pall. Icon. tab. F. fig.* 12.
Antennæ a little longer than the body, the first joint is curved, second subferruginous at the base, the rest black, ferruginous at the base; *legs* black.
- Barbulus*. Head and thorax rufous: *shells* blue: *antennæ* moderate bearded before the tip.
Inhabits——*Saperda barbicornis*. *Fabricius*.
Antennæ black, the ninth joint fasciculate with hairs: *shells* smooth: *body* black: *tail* and *sternum* rufous.
- Erythrocephalus*. Thorax villous: body rufous: *antennæ* breast and *shells* black.
Inhabits *Germany*.
Head rufous: *mandibles* black: *antennæ* moderate, *thorax* black before and behind: *abdomen* rufous at the base, *legs* rufous.
- Ruficollis*. Thorax villous: rufous: *antennæ* and *shells* brown:
Inhabits *Virginia*; size of the last.
Antennæ moderate: *thorax* rufous immaculate: *legs* rufous: *shanks* brownish.
- Fasciatus*. Thorax subspinous: blue: *shells* with 2 yellow bands.
Inhabits *Siberia*.
Antennæ moderate black: *body* violet, beneath a little cinerous.
- Clavicornis*. Green; *shells* with 3 yellow spots.
Inhabits the *Cape of good hope*.
Antennæ brown, longer than the body: first spot on the *shells* covering the whole base, the 2 others marginal.

Latipes. Black; thighs clavate violet at the tip; hind-shanks compressed: antennæ long.

Inhabits the *Cape of good hope*.

First and second joints of the antennæ black, the rest rufous tipped with black, the last entirely black: 4-fore legs rufous, the thighs clavate, club violet: hind-legs violet, thighs clavate red at the base.

Trilineatus. Grey with white indented bands: antennæ long.

Inhabits *America*. *Oliv Ins* 68. tab. 19. fig. 142.

First and second joints of the antennæ very finely bearded: head black with a lateral white line and doubled dorsal yellow one; shells 1-toothed at the tip, speckled with yellow, the outer margin and suture white.

6-punctatus. Black; shells with 3 yellow dots.

Inhabits the *Cape of Good Hope*; small, with a shade of blue.

Antennæ moderate: shells rough: legs blue: thighs clavate.

Lateralis. Black; sides of the thorax and lateral fillet on the shells ferruginous.

Inhabits *North America*.

Antennæ moderate: margin of the shells black.

Lynceus. Thorax black with a ferruginous dot each side: shells grey pointed.

Inhabits *New Holland*.

Head black: antennæ moderate: scutellum ferruginous: shells striate punctured at the base: body black: abdomen each side with 4 ferruginous dots: legs brown: thighs clavate.

Griseus. Grey; margin of the scutellum and lines on the shells yellowish.

Inhabits *New Holland*.

Antennæ brown, a little longer than the body: shells subvillous with a few very short lines and impressed dots at the tip: legs brown: thighs clavate.

Analus. Testaceous; tips of the shells and tail black.

Inhabits the hottest parts of *Africa*.

Antennæ moderate black, the joints sometimes testaceous at the tip: head sometimes immaculate, sometimes with a black linear and few dots: thorax immaculate or marked with 4 or 6 black dots: shells grooved, the grooves striate punctured.

Aquapin.

- Aquapim*. Yellow; thorax rounded with 4 black dots: shells black at the tip and 2-toothed.
Inhabits *Guinea*. *Saperda bidentata*: *Fabricius*.
Antennae moderate black, the third and fourth joint yellow; head yellow with a frontal black dot: shells striate punctured.
- Cardui*. Brown; thorax lined: scutell yellow: antennae long.
Inhabits *Europe*. *Oliv. Ins.* 68. tab. 1. fig. 5.
Body brown speckled with yellow: thorax with 3 yellow lines.
- Melanoceras*. Cinereous; thorax with 3 whitish lines: shells brown immaculate: antennae moderate.
Inhabits *Germany*. *Saperda nigricollis*. *Fabricius*.
Antennae black: lateral lines on the thorax abbreviated.
- Saturalis*. Thorax rounded, lined: greenish; shells pointed the future white.
Inhabits *Africa*. *Oliv. Ins.* 68. tab. 2. fig. 16.
Antennae moderate, the joints white at the base and black at the tip, the first entirely black: head dusky.
- Annulatus*. Thorax rounded subspinous: joints of the antennae white at the base.
Inhabits *South America*; middle sized.
Antennae moderate: head and thorax brown with ferruginous down: shells and legs brown.
- Linea*. Thorax rounded, black with white lines: shells 2-toothed, testaceous with white lines.
Inhabits *Tranquebar*.
- Moevus*. Thorax 4-spined: body brown.
Inhabits *New Zealand*; size of *Cer. cylindricus*.
Antennae short: middle spines on the thorax obtuse, lateral ones larger acute: shells smooth pointed.
- *Populneus*. Thorax with yellow lines: shells with 4 yellow dots: antennae moderate.
Inhabits *Europe* and *America*. *Oliv. Ins.* 68. tab. 1. fig. 1.
Body brown-ash: antennae varied with black and white.
- Tremulus*. Green; thorax with 2 black dots, shells with 4.
Inhabits *Saxony*.
Antennae moderate. *Schæff. Icon.* tab. 101: fig. 1.

- Punctatus.* Green with numerous black dots antennæ: moderate.
Inhabits *Southern Europe.* *Oliv. Ins.* 68. *tab.* 1. *fig.* 9.
Antennæ and *legs* black.
- Virescens.* Thorax cinereous downy: shells green slightly tapering.
Inhabits *Italy* and *France.* *Oliv. Ins.* 68. *tab.* 2. *fig.* 11.
- Macroceras.* Brown; legs testaceous: antennæ very long, black with a white ring.
Inhabits *Africa.*
Ninth joint of the *antennæ* white: *shells* 2-toothed at the tip: ends of the *legs* testaceous.
- Femoratus.* Thorax brown before, testaceous behind: shells with 3 alternate black and testaceous bands: antennæ very long.
In the *British Museum*: middle-sized.
Antennæ long yellow, the joints subspinous at the tip: *shells* obtuse, the first band black with a yellow dot: *legs* yellow: *thighs* thickend, 1-toothed at the tip.
- Haemor-
rhoidalis.* Black; thorax with 3 sanguineous dots: tail and legs testaceous.
Inhabits *Italy*: size of the last.
Antennæ moderate: *thorax* a little rugged: *shells* punctured.
- Volvulus.* Above black: margin of the thorax and shells cinereous.
Inhabits *Cayenne.*
Antennæ long, the last joint pubescent at the base: *body* cinereous.
- Cantharinus* Thorax subspinous: ferruginous; antennæ and legs black.
Inhabits *Germany.* *Saperda ferruginea.* *Fabricius.*
Antennæ moderate: *thorax* a little prominent each side: *thighs* clavate.
- Brunneus.* Thorax subspinous: ferruginous; antennæ and legs the same colour.
Inhabits *Germany*; about a third the size of the last.
- Teutonicus.* Black; shells testaceous.
Inhabits *Germany.* *Saperda testacea.* *Fabricius.*
Antennæ moderate black: *thorax* villous.

Ianthinus.

Ianthinus. Body violet, immaculate.

Inhabits *Italy*. *Saperda violacea*. *Fabricius*.

Olivier's Insects, 68. tab. 2. fig. 12.

Antennæ moderate black: *thorax* subpubescent: *shells* rugged.

* *Præustus*. Black; shells yellow tip with black.

Inhabits *Europe*. *Schæff. Icon. tab. 52. fig. 8*.

Ephippium. Black; dorsal line on the thorax and scutel cinereous: thighs ferruginous.

Inhabits *Hungary*; larger than *Cer. lineola*.

Antennæ moderate: *head* black with a cinereous crescent.

Piceus. Piceous; antennæ and legs ferruginous.

Inhabits *South America*; very small.

Filum. Black, hairy; antennæ long.

Inhabits *Italy*. *Ross. Fn. Etr. 1. tab. 5. fig. 10*.

Scutellatus. Thorax subspinous: black; antennæ shells and legs pale cinereous: scutel white.

Inhabits *Germany*; larger than *Cer. lineola*.

Antennæ short, grey, the joints ferruginous at the base and tip with black: *head* black: *thorax* subspinous black, with a short whitish line at the base: *shells* smooth: *shanks* dull ferruginous.

Lineola. Black; dorsal line on the thorax and thighs at the tip rufous.

Inhabits *Italy*; small. *Herbst. Arch. tab. 26. fig. 4*.

Body cylindrical: *antennæ* moderate: *fore-shanks* red.

Cærulescens. Thorax cylindrical: whitish-blue; 3 lines on the thorax and scutel paler.

Inhabits *Germany*. *Herbst. Arch. 5. tab. 26. fig. 5*.

Ferreus. Thorax cylindrical: dark lead colour: scutel whitish.

Inhabits *Austria*. *Schrank. Inf. Aust. p. 145. n. 272*.

Pustulatus. Black; thorax cylindrical with a fulvous spot in the middle.

Inhabits *Austria*. *Schrank. Inf. Aust. p. 145. n. 273*.

Silphoides. Thorax cylindrical: black; shells with about 3 raised lines: thighs and anterior shanks in the middle fulvous.

Inhabits *Vienna*. *Schrank. Inf. Aust. p. 145. n. 274*.

Lividus.

Lividus. Black ; thorax dull ferruginous with black raised dots: shells yellowish.
Inhabits *Berlin*. *Herbst. Arch.* 5. tab. 26. fig. 7.

Cyaneus. Blue with raised dots: antennæ and legs black.
Inhabits *Germany*. *Herbst. Arch.* 5. tab. 26. fig. 6.

Cincticornis. Thorax with 6 white lines: shells toothed, brown speckled with white: antennæ long, annulate with white in the middle.
Inhabits——*Schaller, Aët. Hall.* 1. tab. 1. fig. 3.

M. nigrum. Shells grey clouded, with a whitish spot in which is a black M.
Inhabits *Saxony*. *Schæff. Icon.* tab. 55. fig. 42.

Ictericus. Thorax with a yellow line: shells brown: scutel and legs yellow.
Inhabits *Saxony*. *Schall. Aët. Hall.* 1. p. 292.

Vulneratus. Thorax with a yellow tuberculate ridge: shells blackish: legs yellow.
Inhabits *Germany*. *Schall. Aët. Hall.* 1. p. 293.

Tripunctatus. Thorax yellow with 3 black dots: shells black, white down the middle.
Inhabits *New York*. *Stockb. Trans.* 1787, 3. n. 3, 17.

B. feelers equal, capitate: thorax spinous. *Rhagium*.

Mordax. Grey; shells clouded, subfasciate with testaceous.
Inhabits *Germany*. *Schoeff. Icon.* tab. 8. fig. 2.
Larger than *Cer. inquisitor*: body villous.

* *Inquisitor*. Black; shells clouded, subfasciate with testaceous.
Inhabits *Europe*. *Oliv. Ins.* 69. tab. 2. fig. 12.
Larva 6-footed naked white, head and collar horny brown, back grooved.

Indagator. Cinereous; shells with 3 raised lines, speckled and barred with black.
Inhabits *Germany*. *Degeer. Inf.* 5. tab. 4. fig. 7.
Antennæ black, piceous in the middle: head flat, covered with cinereous down: thorax villous: shells with 2 black bands.

- * *Cursor*. Shells rufous with a black future and line.
Inhabits *Europe*. *Sulz. In. tab. 5. fig. 7.*
- Cinctus*. Black ; shells subferruginous with a yellow band: hind-thighs 1-toothed.
Inhabits *Austria*; size of *Cer cursor*.
Antennæ moderate, ferruginous, compressed at the tip: *scutellum* covered with yellowish down: *shells* punctured: *body* beneath clothed with golden pubescence.
- * *Noctis*. Black ; base of the *antennæ* ferruginous.
Inhabits *Europe*. *Sch. ff. Icon. tab. 38. fig. 2.*
Shells sometimes black sometimes testaceous.
- * *Bifasciatus*. Shells with 2 oblique yellow bands.
Inhabits *Europe*. *Donovan's English Insects iii. tab. 94. fig. 1.*
Antennæ short, ferruginous, the first joint black: *head* grooved: *thorax* slightly grooved: *shells* olive-brown, the bands abbreviated: *legs* black: base of the *thighs* and *shanks* rufous.
- Clathratus*. Black ; shells slightly reticulate with yellow: legs rufous.
Inhabits *Austria*; less than *C. noctis*.
- Ornatus*. Black ; shells with a broad yellow band.
Inhabits *Pennsylvania*.
Antennæ and *eyes* testaceous: *thorax* with a recurved spine each side: outer margin of the *shells* subferruginous: *legs* ferruginous: *thighs* black at the base.
- Exilis*. Shells with raised lines, cinereous waved with black.
Inhabits *Germany*. *Oliv. Inj 69. tab. 1. fig. 3.*
Body hardly a third part as large as *Cer. inquisitor*.
- Elegans*. Black ; shells chesnut with a black base, future and common spot, and 2 yellow bands.
Inhabits *Austria*. *Herbst. Arch. 7. tab. 45. fig. 12.*
- Sychophanta*. Varied with ferruginous and black: shells with 3 darker bands and 2 raised lines: *antennæ* short.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 137. n. 260.*
- Niger*. Thorax ovate, the hind margin and *scutellum* yellow: shells fastigate: *antennæ* short.
Inhabits *Calabria*. *Peragn. Inf. Calabr. p. 17. n. 83. fig. 36.*
Entirely black: is probably not of this division.

- Muticus*. Thorax unarmed, rufous with 2 black spots: shells brown striate with rufous, 2-toothed at the tip.
Inhabits *Sweden*; small.
Head cinereous: *antennæ* moderate brown, annulate with white at the base: *shells* subpunctured, rufous at the tip: *body* cinereous: *legs* ferruginous.
- C. *Feelers equal, clavate: thorax unarmed.* *Callidium*.
- Obscurus*. Thorax subvillous, brown: shells varied with testaceous and cinereous: *antennæ* moderate.
Inhabits *Van Diemen's Land*.
Antennæ pubescent brown: *shells* darker at the base: *legs* testaceous.
- * *Bajulus*. Thorax villous with 2 tubercles: body brown.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 3. *fig.* 30.
Shells paler in the other sex.
- * *Fennicus*. Thorax tuberculate, rufous: shells violet: *antennæ* moderate.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 9.
- Ruficollis*. Thorax roundish spinous rufous: black; shells violet: *antennæ* moderate piceous.
Inhabits *Italy*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 9.
- Ebulinus*. Thorax tuberculate: black; shells violet.
Inhabits *Africa*, on plants.
Antennæ moderate, ferruginous, the first joint black: *shells* smooth.
- Aeneus*. Brown; thorax and shells brassy-green: thighs ferruginous.
Inhabits *India*. *Oliv. Ins.* 70. *tab.* 4. *fig.* 46.
Antennæ black: *thorax* pubescent, without tubercles: *shells* pubescent: joints of the *thighs* black.
- Clavipes*. Black, opake: all the thighs clavate.
Inhabits *Germany*. *Oliv. Ins.* 70. *tab.* 4. *fig.* 33.
- Spinosus*. Thorax spinous naked; black; *antennæ* short.
Inhabits *Hungary*; size of the last.
Head grooved: *thorax* flat smooth, with a sharp spine each side.

- *Violaceus*. Thorax rounded pubescent; body violet: antennæ moderate.

Donovan's Eng. Ins. vol. ii. plate 61. fig. 1.

Inhabits *Europe*, chiefly in fir timber which has been felled some time and which has not been stripped of its bark: bores serpentine cavities between the bark and the wood, which are larger in diameter as the insect increases in size, filling the space it leaves behind with its excrement which resembles saw dust.

Body dark violet, a little hairy, punctured: antennæ hardly as long as the body, hairy: sternum with a small projecting point: shells linear, rounded at the tip, gibbous at the base: varies in having the head and thorax and sometimes the body greenish. *Linn. Transf. v, page 246. plate 12.*

- Auratus*. Thorax with a lateral depressed tooth: green:bronzed: antennæ black; hind-thighs blue.

Inhabits *America*; resembles the last.

Legs purple. probably not of this division.

- Femoratus*. Thorax naked: body black opaque: thighs red: antennæ moderate.

Inhabits *Germany*. *Oliv. Ins. 70. tab. 7. fig. 77.*

- Fulcratus*. Thorax naked polished; body black: thighs rufous: antennæ moderate.

Inhabits *Saxony*: resembles the last: shells substriate.

- Ametheusinus*. Pubescent; blue: legs rufous: thighs clavate, the club black.

Inhabits *North America*; small.

Antennæ short black, rufous at the base.

- Americanus*. Thorax pubescent: black; shells with 2 rufous bands.

Inhabits *America*.

Callidium 2-lasciatum. *Oliv. Ins. 70. tab. 4. fig. 42.*

Antennæ moderate, the joints 2-spined at the tip: thorax with 2 tubercles: thighs subclavate.

Instead of the hinder band is sometimes a red marginal spot.

- Acuminatus*. Thorax tuberculate blackish: shells pointed, green with a blue suture.

Inhabits the *Cape of good hope*.

Head brown: antennæ moderate, the joints spinous at the tip: thorax rounded: legs black: thighs clavate, the club red.

- Ruficus*. Thorax tuberculate : black ; shells testaceous with a black spot in the middle and black future.
Inhabits *Russia*. *Oliv. Ins.* 70, *tab.* 4. *fig.* 49.
Antennae moderate : legs unarmed black.
- **Variabilis*. Thorax glabrous : body brown brassy : antennæ and legs brown.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 6. *fig.* 54.
- Sericeus*. Thorax velvety cinereous : shells testaceous with raised red dots. scutell snowy.
Inhabits *Barbary*. *Oliv. Ins.* 70. *tab.* 3. *fig.* 38.
Antennae moderate silky : body cinereous silky.
- Tenebrosus*. Thorax tuberculate, dull rufous with a dorsal black line : shells depressed, pale cinereous with 2 raised black lines.
Inhabits *Cayenne*. *Oliv. Ins.* 70. *tab.* 18. *fig.* 139.
Antennae moderate black : legs long : thighs subclavate.
- **Ruficus*. Thorax naked : body lurid : antennæ short.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 3. *fig.* 39.
Body yellow-brown. shells with 2 raised lines.
- Iserti*. Thorax rounded naked : shells ferruginous with a black band in the middle : antennæ long.
Inhabits *Guinea*. *Callidium vittatum*. *Fabricius*.
Antennae ferruginous, the second joint incurved subspinous at the tip : head dull ferruginous : thorax black, dull ferruginous on the back : body dusky : thighs clavate.
- Agrestis*. Thorax naked : black ; shells striate brown : antennæ short.
Inhabits *Saxony* : half the size of *Cer. rusticus*.
- Stigma*. Thorax punctured : body black : shells smooth with a white stigma.
Inhabits *America*. *Oliv. Ins.* 70. *tab.* 2. *fig.* 21.
- Fugax*. Thorax hairy : brown ; joints of the antennæ rufous at the base.
Inhabits *Provence*. *Oliv. Ins.* 70. *tab.* —. *fig.* —.
Antennae short : thighs clavate : shanks testaceous.
- **Minutus*. Thorax naked : body brown : antennæ long, yellowish.
Inhabits *Europe*. *Callidium pygmaeum*. *Fabricius*.

Equestris. Thorax naked: black polished: shells with an interrupted red band.

Inhabits *Cayenne*.

Antennae compressed moderate: *body* smooth.

Fulvicollis. Thorax fulvous: black; antennæ long.

Inhabits *Surinam*; small.

Antennæ nearly as long again as the body: *thorax* rounded: shells a little rough.

Hirtus. Thorax rounded hairy: shells pointed, pale testaceous.

Inhabits the *Cape of good hope*. *Oliv. Ins.* 70. tab. 5. fig. 62.

Antennæ compressed moderate black, pitchy at the tip: *thorax* cinereous: shells darker at the base: legs black.

Pubens. Thorax rounded, pubescent, testaceous: shells greenish, testaceous at the base.

Inhabits the *Cape of good hope*. *Oliv. Ins.* 7. tab. 6. fig. 75.

Antennæ moderate, testaceous; head blackish: legs black,

Tranquebaricus. Thorax rounded: body with a downy ferruginous spot each side beneath: antennæ long bearded.

Inhabits *Tranquebar*. *Callidium barbatum*. *Fabricius*.

Antennæ black, bearded with ferruginous down: body black: at the sides of the *breast* each side is an ocellate spot composed of ferruginous down.

Barbarus. Thorax rounded pubescent: body dark cinereous: antennæ short.

Inhabits *Barbary*. *Callidium griseum*. *Fabricius*.

Antennæ testaceous covered with cinereous down: body dusky: shells paler: legs subtestaceous.

Compressus. Thorax smooth: dark brown: long antennæ and legs testaceous: thighs compressed.

Inhabits *Siam*. *Oliv. Ins.* 70. tab. 4. fig. 44.

Antennæ testaceous: all the thighs compressed.

Variegatus. Back of the thorax glabrous, black with 4 white lines: shells speckled with yellow.

Inhabits *New Holland*. *Oliv. Ins.* 70. tab. 5. fig. 58.

Antennæ moderate black, the 2 last joints ferruginous: head black with 2 white lines and a transverse streak: sides of the thorax speckled with yellow: shells with 3 raised lines: abdomen black with yellow dots each side: hind-thighs with a white ring.

Australis.

- Australis*. Thorax with 2 white lines: shells with 4, the middle ones meeting together and abbreviated.
Inhabits *New Holland*. *Oliv. Ins. 70. tab. 4. fig. 50.*
Antennae short brown, the first joint ferruginous: *head* black with 2 white lines: *scutellum* whitish: *shells* obtuse, ferruginous with an impressed line: *abdomen* whitish black in the middle: *legs* ferruginous, the joints black.
- Sulcatus*. Thorax downy cinereous: shells striate with black and white,
Inhabits *New Holland*. *Oliv. Ins. 70. tab. 4. fig. 48.*
Antennae short brown: *head* cinereous with a raised glabrous black frontal line: *shells* grooved, with 4 raised glabrous black lines and 4 white villous grooves: *legs* grey.
- **Sanguineus*. Thorax slightly tuberculate and with the shells sanguineous: antennae moderate.
Inhabits *Europe*. *Oliv. Ins. 70. tab. 1. fig. 1.*
- **Testaceus*. Thorax slightly tuberculate: body testaceous: antennae moderate, brown.
Inhabits *Europe*. *Oliv. Ins. 70. tab. 1. fig. 11. Shells paler.*
- Barbicornis*. Thorax slightly tuberculate, ferruginous: shells testaceous: antennae moderate villous: thighs clavate.
Inhabits *South America*. *Callidium pilicorne. Fabricius.*
Antennae and *legs* testaceous: *thighs* clavate.
- Deustus*. Thorax subtuberculate testaceous: shells violet at the tip.
Inhabits *Italy*: probably a variety of *Cer. testaceous*.
Antennae moderate tipped with brown: *thighs* clavate.
- Ligneus*. Thorax tuberculate villous: black; shells red with a violet spot and tip.
Antennae moderate: *thorax* flat: *thighs* compressed.
- Flavipes*. Thorax rounded pubescent: ferruginous; legs testaceous.
Inhabits the *Cape of good hope*; small.
Antennae a little longer than the body *eyes* black: *thorax* slightly tuberculate: *shells* a little paler.
- **Luridus*. Thorax subtuberculate naked: shells smooth testaceous.
Inhabits *Europe*. *Oliv. Ins. 70. tab. 7. fig. 78.*
- Fuscus*. Thorax subtuberculate, channelled naked: black; shells striate, dull testaceous: antennae moderate.
Inhabits *Saxony*. *Antennae* brown: *thighs* compressed.

- 4-notatus*. Thorax villous : brown ; shells with 2 ferruginous spots : antennæ long.
Inhabits *Guadeloupe*. *Callidium 4-maculatum*. *Fabricius*.
Antennæ subferruginous, brown at the base : *thighs* clavate.
- Lugubris*. Thorax slightly tuberculate naked : shells substriate : body lurid immaculate.
Inhabits *Saxony*. *Panz Naturf.* 24. tab. 1. fig. 41.
Resembles *Cer. ruficus*, but is not half the size.
- Raucus*. Thorax smooth, dull ferruginous : shells testaceous.
Inhabits hottest parts of *Africa*.
Antennæ moderate : *abdomen* conic, testaceous.
- Liciatus*. Thorax subvillous, black with 4 white lines, the middle ones abbreviated : antennæ short.
Inhabits *Germany*. *Callidium hafniense*. *Fabricius*.
- Erythropus*. Thorax smooth polished : shells violet : shanks rufous : antennæ short.
Inhabits *Germany*. *Oliv. Ins.* 70. tab. 6. fig. 66.
Antennæ brown, ferruginous at the base : *abdomen* brassy ; *hind-thighs* clavate, rufous at the base.
- * *Striatus*. Thorax glabrous : body black : shells striate : antennæ short.
Inhabits *Europe*. *Oliv. Ins.* 70. tab. 2. fig. 24.
- Bicoloratus*. Thorax glabrous yellowish : head and shells greenish : antennæ moderate black.
Inhabits *South America*. *Oliv. Ins.* 70. tab. 1. fig. 4.
Thorax flat smooth yellow : *shells* smooth green : *legs* black.
- Lynceus*. Thorax rounded, 2-spined, villous : black ; shells with a broken fulvous spot.
Inhabits the *Cape of Good Hope*. *Oliv. Ins.* 67. tab. 12. fig. 97.
- Salicis*. Thorax tuberculate and spinous : rufous ; breast and shells black.
Inhabits *Germany*. *Herbst. Arch.* tab. 25. fig. 13.
Antennæ short : *female* with the shells testaceous.
- Cyanellus*. Thorax flat tuberculate : body villous, violet : last segment but one of the abdomen ferruginous : antennæ moderate.
Inhabits *Italy*. *Callidium cyaneum*. *Fabricius*.
Antennæ black : *thorax* with 3 tubercles : *legs* black : *thighs* clavate.

- Pusillus*. Thorax rounded : black ; antennæ and shanks testaceous.
Inhabits *Germany*. *Antennae* long : *thighs* clavate.
- Bimaculatus*. Thorax rounded villous ; brown : shells with 2 ferruginous spots.
Inhabits the *Cape of good hope*. *Oliv. Ins.* 70. *tab.* 5. *fig.* 61.
Antennae moderate : *thighs* subclavate.
- Flavus*. Thorax roundish : body yellow : thighs clavate : antennæ moderate.
Inhabits *America*. *Antennae* yellow : eyes black.
- *Uaditus*. Thorax tuberculate : shells black with 2 white waved bands : antennæ short.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 3. *fig.* 36.
- Colinum*. Thorax rounded : shells livid with 3 brown bands : antennæ short.
Inhabits *Carolina*. *Oliv. Ins.* 70. *tab.* 6. *fig.* 67.
Thorax rusty, brown : shells truncate.
- Versicolor*. Thorax rounded rufous : shells black rufous at the base, with 2 white bands.
Inhabits *North America*. *Oliv. Ins.* 71. *tab.* 5. *fig.* 55.
Antennæ moderate black : legs black : thighs clavate rufous : abdomen black.
- Flexuosus*. Thorax rounded, barred with yellow : shells with 7 yellow bands, the fore-ones curved upwards, the hind-ones downwards.
Inhabits *America*. *Oliv. Ins.* 70. *tab.* 6. *fig.* 76.
Antennæ and legs ferruginous : head black with 3 yellow curved bands.
- Exiguus*. Testaceous : shells with an abbreviated white band.
Inhabits *New Holland*. *Oliv. Ins.* 70. *tab.* 5. *fig.* 56.
Antennae moderate, the first joint testaceous, the rest white at the base and tip with black : thighs clavate, white at the base.
- Floralis*. Thorax globular, barred with white ; shells black with 5 white bands, the second and third lunate.
Inhabits *Italy*. *Oliv. Ins.* 70. *tab.* 5. *fig.* 53.
Head black : antennae ferruginous : thorax black with 2 white bands.

Fulminans. Thorax globular spotted with black: shells black with angular waved white bands.

Inhabits North America. *Oliv. Ins. 70. tab. 5. fig. 63.*

Antennae short cinereous: *thorax* cinereous with 3 black spots, the middle one larger: *scutel* black edged with cinereous: *body* brown.

Atomarius. Thorax globular, black spotted with cinereous: shells black with whitish dots and a flexuous streak behind.

Inhabits Saxony: large, black.

Antennae black: *thorax* with 2 cinereous lines before, and 2 dorsal dots, and cinereous at the sides: *shells* whitish at the tip: *body* beneath black: segments of the *abdomen* whitish: *legs* black.

* *Arcuatus*. Thorax rounded: shells with 4 yellow bands, the first composed of 3 spots, the rest curved downwards,

Leptura arcuata. *Donovan's Eng. Ins. iii. tab. 84. fig. 1.*

Inhabits Europe in Gardens. *Oliv. Ins. 70. tab. 2. fig. 16.*

Antennae moderate yellow: *head* varied with black and yellow: *thorax* with 3 yellow lines: *body* purplish-black: *legs* yellowish.

* *Elongatus*. Thorax rounded: shells yellow with 2 black spots, the tips black: fore-legs chestnut.

Inhabits Europe.

Leptura elongata. *Donov. Eng. Ins. iii. pl. 84. fig. 4.*

Antennae with alternate black and brown spots: *head* and *thorax* black: *hind-thighs* and *shanks* dark brown.

Lunatus. Thorax globular, black barred with yellow: shells black with 5 white bands, the second and third lunate.

Inhabits America; probably only a variety of the last.

* *Arietis*. Black; thorax rounded: shells with 4 yellow bands the second curved upwards: legs ferruginous.

Leptura arietis. *Donovan's Eng. Ins. 1 plate 27.*

Inhabits Europe, in Gardens. *Oliv. Ins. 70. tab. 2. fig. 10.*

Thorax yellow before and behind: *antennae* short, ferruginous: *scutel* yellow: first band of the *shells* very short.

Gazell. Black; thorax rounded: shells with yellow bands, the second bent upwards: legs ferruginous: thighs black.

Inhabits Germany; probably a local variety of the last.

Antennae ferruginous at the base, tip with black.

* *Plebejus*.

* *Plebejus*. Thorax globular immaculate: shells black with 3 white streaks and a humeral dot.

Leptura rustica. Schæff. Icon. tab. 2. fig. 7.

Inhabits Europe. Oliv. Ins. 70. tab. 6. fig. 72.

Dot at the base of the shells inclosed in a curved streak: breast spotted with white.

Massiliensis. Thorax globular immaculate: shells black with 3 white streaks, the fore-one incurved.

Inhabits Germany. Oliv. Ins. 70. tab. 6. fig. 70.

Head antennae and thorax black: sides of the body spotted with white.

Maculosus. Thorax rounded spotted: shells mucronate, black with 3 arched yellow bands, ferruginous at the base.

Inhabits America. Oliv. Ins. 70. tab. 3. fig. 34.

Head brown with 2 yellow lines: antennae short ferruginous tipped with brown: thorax with a yellow streak before and a ferruginous spot each side: scutellum brown edged with yellow.

Angulatus. Thorax rounded muricate: shells mucronate with 3 yellow dorsal spots and a yellow dot in the middle.

In the British Museum; middle sized.

Head brown: antennae testaceous; thorax with small raised transverse lines and edged with yellow: shells testaceous: body rufous with lateral white spots.

Americanus. Thorax rounded subspinous; shells 2-toothed, brown with 4 yellow streaks: thighs clavate compressed.

Callidium erythrocephalum. Oliv. Ins. 70. tab. 5. fig. 60.

Inhabits America: half the size of *Cer. maculosus*.

Head thorax and antennae dull ferruginous: legs ferruginous.

* *Detritus*. Thorax rounded, barred with yellow: shells black with 5 yellow bands: legs ferruginous.

Inhabits Europe. Oliv. Ins. 70. tab. 2. fig. 17.

Indus. Thorax rounded: black: shells glaucous spotted with black at the base.

Inhabits East India. Oliv. Ins. 70. tab. 6. fig. 68.

Body black covered with a greenish pubescence.

6-fasciatus. Black; thorax with 2 yellow bands, shells with 4.

In the British Museum.

Head black with 2 white lines: thorax yellow with a broad band in the middle: body black spotted with white.

- Portugalis.* Thorax globular ferruginous: shells black with 3 white bands, the first annular.
Inhabits *Portugal*. *Oliv. Ins.* 70. *tab.* 5. *fig.* 59.
Head black: *antennæ* rufous: *thorax* covered with cinereous down: *abdomen* beneath with white rings.
- Verbasci.* Thorax rounded spotted with black: shells rounded, greenish with 3 abbreviated black bands, the first lunar.
Inhabits *Europe*, on the *Verbasum*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 5.
- Smidtii.* Thorax rounded with a black band: shells greenish with 3 entire black bands, the first annular.
Callidium ornatum. *Herbst. Arch.* *tab.* 26. *fig.* 16.
Inhabits *Germany*; a little less than *Cer. verbasci*.
- 4-punctatus.* Thorax rounded: greenish; shells with 4 dots.
Inhabits *France*; middle sized.
Head brown: *antennæ* short: *body* downy: dots on the shells 2, 1, 1.
- Annularis.* Thorax rounded spotted with black: shells 2-toothed greenish with 3 black bands, the first annular.
Inhabits *India*. *Oliv. Ins.* 70. *tab.* 6. *fig.* 74.
Antennæ short black: *head* greenish: *mouth* black: *thorax* with a branched black dorsal spot: *legs* cinereous.
- * Mystica.* Thorax rounded: shells brown with a triangular grey spot and 2 white lines, the first oblique.
Leptura mystica. *Donovan's Eng. Ins.* iii. *plate* 84. *fig.* 2.
Inhabits *Europe*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 14.
Antennæ short black: *thorax* dull ferruginous: *shells* rounded, the triangular spot with a black dot in the middle: *legs* black.
- Ægyptiacus.* Thorax rounded ferruginous: shells pale cinereous with 3 brown bands, the first annular.
Inhabits the *East*: half the size of *Cer. verbasci*.
- Virens.* Thorax rounded: greenish: *antennæ* black; *legs* testaceous.
Inhabits *Barbary*: *body* covered with down.
- Gibbosus.* Thorax rounded: black; shells barred with cinereous, 2-tubercled at the base, pointed at the tip.
Inhabits *Italy*. *Oliv. Ins.* 70. *tab.* 2. *fig.* 18.
Antennæ moderate subferruginous.
- Unifasciatus.* Thorax rounded chestnut-brown: shells black with a snowy band in the middle, chestnut at the base.
Inhabits *Provence*. *Oliv. Ins.* 70. *tab.* 1. *fig.* 12.
Antennæ moderate: *head* brown: *abdomen* black: *thighs* clavate.
Picipes.

- Picipes.* Thorax globular: black: shells with an oblique white streak.
Inhabits—*Oliv. Inf.* 70. tab. 4. fig. 43.
Antennæ moderate piceous. *legs* piceous: all the *thighs* clavate.
- * *Alni.* Thorax rounded: black; shells with 2 white bands: base of the shells *antennæ* and *shanks* ferruginous.
Inhabits *Europe*, very small. *Oliv. Ins.* 70. tab. 3. fig. 7.
- Dicbrous.* Black; thorax rounded: striate shells *shanks* and ends of the legs rufous.
Inhabits *Europe.* *Mus. Lesk.* p. 26. n. 570.
- Lævigatus.* Black: opaque: thorax and shells smooth: *antennæ* moderate: *thighs* red compressed: *shanks* ferruginous.
Inhabits *Europe.* *Mus. Lesk.* p. 26. n. 573.
- Viridans.* Thorax rounded green, with an impressed hollow each side: shells green-testaceous with raised reticulations: *antennæ* and legs brown-testaceous.
Inhabits *Europe.* *Mus. Lesk.* p. 26. n. 574.
- Cyanochry-*
fos. Violet, downy: *antennæ* tipped with brown: *thighs* piceous, the base and *shanks* yellow.
Inhabits *Europe.* *Mus. Lesk.* p. 26. n. 578.
- Ofonotatus.* Head black, with fulvous down and marked with a glabrous fork on the fore-part: thorax rounded with fulvous hairy spots and 4 dots: shells brown with 2 bands and 4 dots: abdomen and legs rusty-brown.
Inhabits *Europe.* *Mus. Lesk.* p. 26. n. 580.
- Leucozonias* Black; 3 first segments of the abdomen and breast hoary: shells with 2 white linear bands bent downwards, tipped with cinereous.
Inhabits *Europe.* *Mus. Lesk.* p. 27. n. 588.
- Portitor.* Black; thorax transversely oblong with 2 shining spots: shells reddish-black: *antennæ* long.
Inhabits *Bavaria.* *Frisk. Inf.* 13. tab. 12. fig. 17.
- Pannonicus.* Black; thorax a little bronzed at the edge, raised in the middle: shells blue-green: *thighs* clavate.
Inhabits *Hungary.* *Herbst. Arch.* 5. tab. 26. fig. 11.

- Aeneus*. Green-bronzed; beneath antennæ and legs brown.
Inhabits *Berlin*. *Herbst. Arch.* 5. tab. 26. fig. 12.
- Venustus*. Thorax yellow with a black band: shells black with 3 greenish yellow broad bands: antennæ and legs black.
Inhabits *India*. *Herbst. Arch.* 5. tab. 26. fig. 16.
- Indicus*. Black, beneath yellow: spots on the front, 2 bands on the thorax, antennæ and legs red: shells with 5 yellow bands.
Inhabits *India*. *Herbst. Arch.* 5. tab. 26. fig. 17.
- Litteratus*. Shells black with cinereous bands and tip.
Inhabits *Germany*. *Herbst. Arch.* 5. tab. 26. fig. 20.
- Hispidus*. Thorax globular ferruginous: body testaceous: head black: thighs clavate: antennæ rough moderate.
Inhabits *America*. *Forst. nov. Inf.* 1. p. 42. n. 42.
- Viridis*. Thorax tuberculate violet: shells green striate punctured: antennæ black.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 95. n. 1067.
- Multicolor*. Thorax black, ovate, with yellow-grey down: shells varied with grey and yellow.
Inhabits *New York*. *Drury Inf.* 1. tab. 41. fig. 6.
- Pulverulentus*. Thorax convex, dark brown: shells chesnut with grey down, 2-toothed at the tip.
Inhabits *Pennsylvania*. *Degeer, Inf.* 5. tab. 14. fig. 12.
- Nigricans*. Black, depressed: thighs clavate; antennæ moderate, thick.
Inhabits *Sweden*. *Hufn. Inf.* tab. 16.
- Aurichalceus*. Brassy-brown, polished: thorax depressed: antennæ and legs black.
Inhabits—*Degeer, Inf.* 5. p. 88. n. 23.
- Lucidus*. Black, shells chesnut-brown lucid.
Inhabits *Venice*. *Scopol. Ann. Hist. Nat.* 5. p. 98. n. 61.
- Rufus*. Black; thorax villous: antennæ rufous.
Inhabits *Venice*. *Scopol. Ann.* 5. p. 98. n. 61.

Carniolicus. Thorax with 2 small tubercles and with the tip of the abdomen red: shells dark violet.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 98. n. 63.

Fuliginosus. Entirely black opaque: antennæ moderate.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 98. n. 62.

Calcaratus. Black-violet: thighs rufous, toothed behind.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 98. n. 64.

Caraboides. Rufous; shells dark violet.

Inhabits *Hungary and Venice*. *Scopol. Ann.* 5. p. 99. n. 65.

Ater. Black; shells truncate: antennæ moderate.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 100. n. 69.

Braccatus. Black; antennæ and legs rufous: hind-thighs thick, armed with a spine.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 100. n. 70.

Lenis. Black polished: shells tapering: antennæ moderate.

Inhabits *Venice*. *Scopol. Ann.* 5. p. 100. n. 71.

8-punctatus. Green; thorax round: shells with 8 black dots.

Inhabits *Austria*. *Schrank. Inf. Aust.* p. 142. n. 267.

Glaucop-terus. Ferruginous; thorax with 4 small tubercles: eyes and breast black.

Inhabits *Saxony*. *Schall. Aët. Hall.* 1. tab. 1. fig. 4.

Virescens. Body linear, green bronzed: antennæ long.

Inhabits—*Schaller. Aët. Hall.* 1. p. 295.

D. *Feelers unequal, the 2-fore-ones filiform, the hind-ones clavate.* *Stenocorus*.

Cyaneus. Thorax subspinous; blue: shells yellow at the base.

Inhabits *India*. *Cerambyx palliatus*. *Forst. Nov. Inf.* 1. 40.

Antennae short blue: *thorax* narrowed before, subspinous behind.

Lamed. Thorax spinous pubescent: shells fastigate, livid with a dusky sinuate stripe down the middle.

Inhabits *Europe*. *Cerambyx lamed*. *Lynn. Syst. Natur.*

- Garganicus*. Thorax spinous: shells 2-toothed, grey with a yellow spot: antennæ very long.
Inhabits *Maryland*. *Oliv. Ins* 67. tab. 13. fig. 100.
Antennæ brown: *shells* with a pale crescent in the middle.
- Festivus*. Thorax 2-toothed each side: shells 2-toothed, green with a lateral yellow line.
Inhabits *America*. *Oliv. Ins* 67. tab. 16. fig. 113.
- Marilandi*
cus. Thorax depressed, tuberculate, unarmed: shells 2-toothed, clouded with brown and cinereous: antennæ moderate.
Inhabits *Maryland*.
Calidium Marilandicum. *Oliv. Ins* 70. tab. 1. fig. 5.
Antennæ a little prickly: *body* varied with cinereous and brown.
- Insularis*. Thorax unarmed tuberculate: shells 2-toothed: joints of the antennæ 2-spined: body variegated.
Inhabits *America*. *Oliv. Ins* 67. tab. 17. fig. 103.
Body pale ash with raised brown dots.
- Bispinosus*. Thorax unarmed, subtuberculate: joints of the antennæ 2-spined: body testaceous.
Inhabits *South America*. *Oliv. Ins* 67. tab. 7. fig. 125.
- Semipunctatus*. Thorax spinous, unequal: shells 2-toothed, punctured at the base, glabrous at the tip.
Inhabits *New Holland*. *Oliv. Ins* 67. tab. 2. fig. 19.
Head black: *hind-feelers* ferruginous: *antennæ* moderate brown, the middle joints spinous at the tip: *thorax* downy black: *shells* varied at the base with black and yellow, the tip black with a yellow spot.
- Irroratus*. Thorax unarmed, unequal: shells 2-toothed at the tip and speckled with white: antennæ long prickly.
Inhabits *America*. *Oliv. Ins* 67. tab. 19. fig. 145.
- Glabratus*. Thorax unarmed, cinereous with a glabrous brown line: shells 2-toothed.
Inhabits *South American Islands*.
Antennæ moderate, brown, 3 joints spinous: *shells* variegated with grey and brown.
- Farinosus*. Thorax spinous: piceous; shells with scattered chaffy dots: antennæ long.
Inhabits *Mexico*. *Oliv. Ins* 67. tab. 7. fig. 46.
Shells with 2 glabrous lines down the middle.
Larva whitish; head and tail black.

6-maculatus Thorax spinous ferruginous: shells pointed, with 3 yellow spots.

Inhabits *Cayenne*. *Oliv. Ins.* 67. tab. 15. fig. 108.

Antennæ moderate villous ferruginous: *shells* with a black spine at the tip.

5-maculatus Thorax subspinous, rufous with 4 yellow spots: shells 2-toothed rufous with 2 white dots and line at the base: antennæ very long.

Inhabits *Guadeloupe*; size of *4-maculatus*.

Antennæ ferruginous: *head* ferruginous: *orbits* cinereous: *thorax* rough: *scutellum* whitish: *body* beneath whitish.

4-maculatus Thorax spinous rough: shells 2-toothed with 2 pair of glabrous spots.

Inhabits *South America*. *Oliv. Ins.* 67. tab. 19. fig. 144.

The 4 *hind-thighs* spinous at the tip.

Maculatus. Thorax spinous: brown; shells 2-toothed with 2 pair of glabrous spots: antennæ moderate black.

Inhabits *South America*. *Oliv. Ins.* 67. less than the last.

Head brown: *lip* ferruginous: *legs* black: *thighs* rufous.

Geminatus. Thorax unarmed, black with a rufous spot each side: shells black with 2 pair of glabrous spots: antennæ very long.

Inhabits *Sierra Leona*.

Antennæ black: *head* rufous with a black frontal dot: *shells* truncate with a cinereous gloss: *legs* black: *thighs* rufous, the 4 *hind-ones* spinous at the tip.

Pallens. Thorax unarmed: pale; shells 1-spined, with 3 black dots: antennæ long.

Inhabits *South American Islands*; middle-sized.

Antennæ pale testaceous: *thorax* rufous: *shells* pale testaceous.

Strepens. Thorax unarmed, tapering before: body ferruginous: shells pale.

Inhabits *Provence*: size of *Cer. 4-maculatus*. *Oliv. Ins.* 67.

Flies about at night with a buzzing noise.

Antennæ compressed moderate: *head* channelled: *shells* smooth.

- Africanus*. Thorax unarmed black : shells 2-toothed, the base testaceous, the tip black, with a pale band.
Inhabits *South America*. *Oliv. Ins* 67. tab. 14. fig. 98.
Antennae moderate black : head yellow with 3 black lines at the base : thorax above black, beneath yellowish : shells punctured at the base, truncate : abdomen testaceous with a yellow spot each side at the base and tip with black.
- Circumflexus*. Thorax unarmed : ferruginous ; shells 1 toothed, testaceous with 2 brown dots and a waved streak.
Inhabits *Cayenne*.
Antennae moderate, ferruginous : legs ferruginous.
- Nanus*. Thorax rounded unarmed : body grey : legs testaceous.
Small ; antennae moderate villous ; shells with 2 short black lines : thighs thickened.
- Annulatus*. Thorax grey with 4 white lines : shells 1-toothed : antennae long with 3 white rings.
In the Museum of Sir J. Banks. *Oliv. Ins* 67. tab. 16. fig. 117.
Antennae ferruginous : head brown with 2 white lines : shells grey tipped with brown and edged with white, truncate, 1-toothed : legs brown with cinereous rings.
- 10 *maculatus*. Thorax subspinous with 2 tubercles each side : shells 2-toothed, ferruginous spotted with yellow and cinereous.
Inhabits *America*. *Olivier's Insects*, 67. tab. 12. fig. 86.
Antennae long ferruginous : shells deeply bifid at the end.
- Brasilianus*. Thorax spinous : ferruginous ; shells pointed, testaceous with 3 glabrous yellow lines.
Inhabits *Brasil*. *Oliv. Ins* 67. tab. 2. fig. 17.
Antennae long, the first joint ferruginous : shells 1-spined at the tip : legs black : thighs yellow, the 4 hind-ones with a strong black spine.
- Cayennensis*. Thorax subspinous : shells 2-toothed, varied with cinereous brown and yellow, the angle at the base compressed.
Inhabits *Cayenne* ; small, cinereous.
Antennae long cinereous, the joints tipped with brown : thorax with black lines and yellowish dots.
- Pubescens*. Thorax spinous : black ; shells 1-spined at the tip, testaceous at the base : antennae long.
Inhabits *Cayenne*. *Oliv. Ins* 67. tab. 18. fig. 135.
Antennae spinous at the joints : thorax tuberculate : scutellum grey : thighs rufous.

- Villosus*. Thorax unarmed: dusky with cinereous down: shells 2-toothed
Inhabits *Carolina*; middle-sized, thin:
- Drurii*. Thorax subspinous: shells truncate, 2-toothed, ferruginous with cinereous bands: antennæ short.
Inhabits *America*.
Antennæ piceous: *thorax* with a few raised transverse lines: *breast* ferruginous with 2 white spots each side, *abdomen* with 3.
- Undulatus*. Thorax spinous: cinereous; shells 2-toothed with 2 waved black bands.
Inhabits *America*.
Head cinereous: *eyes* black: *antennæ* moderate villous black, the joints cinereous at the tip: *thorax* with a few black spots: *shells* punctured.
- Ruricola*. Thorax spinous, ferruginous: brown; shells 2-toothed, paler: antennæ long.
Inhabits *East India*. *Oliv. Ins.* 67. *tab.* 2. *fig.* 16.
Head and *thorax* dusky with ferruginous down: *shells* smooth.
- 4-oculatus*. Thorax subspinous with 7 black dots: body testaceous: shells toothed at the tip, with longitudinal curved brown lines: antennæ long.
Of an uncertain division. *Aët. Hall.* 1. *tab.* 1. *fig.* 2.
- Ramphygeus*. Thorax unarmed, cylindrical, 2-dotted: body livid: shells with 2 yellow spots, 2-toothed at the tip.
Inhabits *America*; probably not of this division.
- Zonarius*. Thorax unarmed, cylindrical, wrinkled: antennæ long: shells obtuse, brown with a linear whitish band.
Inhabits *America*. *Marcgr. Bras.* 254.
- Suaveolens*. Thorax spinous, blueish with a gold gloss: body green: shells blue: antennæ moderate and legs black: abdomen and shanks ferruginous.
Inhabits *Jamaica* and *Carolina*; hind-shanks compressed.
- Aster*. Black, rough, ridged: thorax 2-spined: shells tuberculate in the middle.
Inhabits *Italy*. *Sulz. Hist. Ins.* p. 44. *tab.* 5. *fig.* 3.

- Brevis*. Blackish: thorax spinous: thighs rounded short: fore-tarsi lobed, very hairy.
Inhabits *Surinam*. *Sulz. Inf. p. 45. tab. 5. fig. 5.*
- Halodendri*. Black with hollow punctures: thorax whitish, villous: edge of the shells and spot at the base red.
Inhabits *Siberia*. *Pall. It. 2. App. n. 62.*
- Badius*. Bay; thorax and shells striate.
Inhabits *Siberia*. *Lepech. It. 1. tab. 16. fig. 3.*
- Ruber*. Shells red with an oblong black spot at the tip: thorax black with 2 red spots
Inhabits *Siberia*. *Lepech. It. 1. tab. 16. fig. 3.*
- Fimbriatus*. Black with a white margin: thorax 2-spined.
Inhabits mountains of *Ural*. *Lepech. It. 2. tab. 10. fig. 8.*
- Taniatus*. Thorax spinous: shells blackish with 2 whitish bands: antennæ twice as long as the body.
Inhabits *Siberia*. *Lepech. It. 2. p. 229. tab. 11. fig. 33.*
- Aculeatus*. Blackish; antennæ very long, with 3 spines turned inwards.
Inhabits *America*. *Rozier. Journ. 1. p. 26. tab. 1. fig. C.*
- Arenarius*. Black, apterous: head and thorax with a line down the middle: shells edged with white: antennæ short.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 168.*
- Timidus*. Black; shells yellowish with 2 black spots.
Inhabits *Italy*. *Scopol. Ent. Carn. n. 171.*
- Adspersus*. Shells spotted with black and punctured: antennæ short.
Inhabits *Italy*. *Scopol. Ann. Hist. 5. p. 95. n. 55.*
- Ovalis*. Ovate, brown: shells entire.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 206. n. 10.*
- Cruentatus*. Grey; thorax spinous: shells 1-toothed at the base; with 6 ferruginous dots: antennæ long prickly.
Inhabits *India*. *Degeer. Inf. 5. p. 107. n. 8.*
- Sinensis*. Black; thorax spinous: shells spotted with white at the sides: antennæ long, with cinereous spots.
Inhabits *China*. *Degeer, Inf. 5. p. 109. n. 10.*

- Tigrinus*. Grey-brown : thorax spinous : shells with scattered brown spots and dots : antennæ long.
Inhabits *Pennsylvania*. *Degeer. Ins.* 5. tab. 14. fig. 6.
- Pennsylvanicus*. Thorax subspinous : shells truncate, yellowish-grey with brown undulate dotted bands : antennæ long spotted.
Inhabits *Pennsylvania*. *Degeer. Ins.* 5. tab. 14. fig. 7.
- Hirsutus*. Brown ; thorax spinous : shells hairy, striate punctured : antennæ moderate, spotted.
Inhabits *Surinam*. *Degeer. Ins.* 5. tab. 14. fig. 8.
- Gibbus*. Brown spotted with cinereous : thorax wrinkled subspinous : shells gibbous with black rough dots : antennæ moderate.
Inhabits *Surinam*. *Degeer. Ins.* 5. tab. 14. fig. 9.
- Hirtipes*. Brown ; thorax unarmed cylindrical : shells truncate, 2-toothed : ends of the fore-legs hairy : antennæ long with a white spot in the middle.
Inhabits *India*. *Degeer. Ins.* 5. tab. 14. fig. 10.
- Viridescens*. Greenish-yellow : thorax unarmed, cylindrical with 3 broad lines : antennæ long, spotted with black and cinereous.
Inhabits *Europe*. *Degeer. Ins.* 5. p. 76. n. 13.
- Hieroglyphicus*. Beneath hoary : head and thorax woolly with a black space : shells black glabrous with 5 blueish-white dots and branched future each side.
Inhabits *Northern Siberia*. *Pall. It.* 2. app. n. 59.
- Perforatus*. Above covered with whitish dust beneath with yellowish down : shells with 5 deep black dots in the middle.
Inhabits *Siberia*. *Pall. It.* 2. app. n. 60.
Dots on the shells appearing as if perforated.
- Ferruginosus*. Blackish ; shells ferruginous : antennæ spinous.
Inhabits *America*, *Rozier. Journ.* tab. 1. fig. D.
- Carbonarius*. Black, opaque ; antennæ short.
Inhabits *Italy*. *Scopol. Ent. Carn.* p. 55. n. 178.
- Lunulatus*. Dull redish-brown : thorax subcylindrical unarmed : shells reddish with 4 brown crescents, toothed at the tip.
Inhabits *Jamaica*. *Drury Ins.* 1 tab. 37. fig. 4.

Minimus. Extremely minute and penetrating the skin.
Seligm. Av. tab. 108. fig. 4. An uncertain species.

Vittatus. Thorax spinous, pubescent: shells testaceous with a brown fillet and suture.
 Inhabits Europe. *Mus. Lesk. p. 25. n. 504.*

4-guttatus. Pale testaceous: thorax subspinous: shells 2-spined, with 2 yellow spots; thighs clavate, unarmed.
 Inhabits America. *Stockh. Trans. 1787. tab. 8. fig. 7.*

34. CALOPUS. *Antennæ* filiform: *feelers* 4, the fore-ones clavate, the hind-ones filiform: *thorax* gibbous: *shells* linear.

• *Serraticornis.* Brown; antennæ compressed.
 Inhabits Europe; long cylindrical.
Thorax unarmed, subloval: *antennæ* moderate, ferrate before.

Hispicornis. Brownish; joints of the antennæ with a small spine behind.
 Inhabits America: probably not of this genus.
Thorax unarmed rounded: *shells* 2-toothed: *antennæ* moderate.

Pygmæus. Minute, brown: antennæ ferrate, hairy.
 Inhabits Sweden. *Cerambyx pygmæus. Degeer. 5. t. 4. f. 5.*

35. LEPTURA. *Antennæ* setaceous: *feelers* 4, filiform: *shells* tapering towards the tip: *thorax* slender, rounded.

A. *Lip* entire, Donacia.

• *Aquatica.* Hind-thighs 2-toothed: shells shining green: hind-shanks 5-toothed.

Donovan's Eng. Ins. Vol. 3. plate. 84. fig. 3.

Donacia dentata. Hoppe. Ins. Erlang. fig. 2.

Inhabits Europe; on aquatic plants. *Degeer. tab. 4. fig. 14.*

Antennæ blackish, the joints pale testaceous at the tip: *head* with a line down the middle: *thorax* channelled: *shells* striate-punctured, truncate, with short appendages at each margin: *body* beneath downy: *legs* dull testaceous.

* *Micans.*

- *Micans.* Hind-thighs 2-toothed ; all the shanks simple : shells glossy-violet.

Inhabits with the former. *Hoppe. Ins. Erlang. fig. 1.*

Antennae blackish, the joints pale testaceous at the tip : *head* with a line down the middle : *thorax* green channelled smooth : *shells* striate punctured : *body* beneath downy : *legs* testaceous : *hind-thighs* thickened.

- Festucæ.* Hind-thighs toothed, thickened : body black-blue.

Inhabits *Germany*, on the *Festuca aquatica*.

Shells striate punctured : *hind-thighs* short.

- Dentipes.* Hind-thighs 1-toothed : shells green with a purple stripe down the middle : abdomen and legs golden.

Donacia fasciata. *Hoppe. Ins. Erlang. fig. 3.*

Inhabits *Germany*, on aquatic plants.

Antennae blackish : *head* punctured, with a line down the middle : *thorax* channelled punctured : *shells* rounded, with an impressed gold dot near the margin.

- Marginata.* Hind-thighs 1-toothed : shells golden, the edge and spot at the base rufous : abdomen and legs silvery.

Inhabits with the former ones. *Hoppe Ins. Erl. fig. 4.*

Antennae black, the joints silvery at the tip : *head* punctured lined : *thorax* wrinkled channelled : *shells* minutely punctured, truncate.

- *Nymphææ.* Hind-thighs toothed : thorax and shells coppery : body cinereous downy.

Found frequently on the leaves of the *Nymphæa alba*.

Head coppery : *antennae* and *mouth* black : *thorax* channelled, with a gibbous dot each side : *shells* with crenate striæ : *body* beneath covered with silvery down.

- Sagittariæ.* Hind-thighs 1-toothed : shells green-gold, minutely punctured, truncate : abdomen and legs golden.

Inhabits *Germany*. *Donacia aurea.* *Hoppe. Ins. fig. 5.*

Antennae blackish : *head* brassy, channelled : *thorax* wrinkled channelled : *shells* striate punctured.

- Ænea.* Hind-thighs 1-toothed : shells brassy, equal rounded : abdomen and legs brassy.

Inhabits *Germany.* *Hoppe. Ins. Erlang. p. 44. fig. 6.*

Head smooth with a line down the middle : *thorax* channelled smooth with a tubercle each side ; *shells* finely striate punctured ; *tarsti* black.

Violacea. Hind-thighs 1-toothed; shells violet, rounded: abdomen covered with silvery down.

Inhabits Germany. *Hoppe. Ins. Erlang. p. 44. fig. 7.*

Antennæ black: *head* and *thorax* channelled: *legs* black.

Discolor. Hind-thighs 1-toothed: shells brassy or black, rounded; legs red-testaceous.

Inhabits Germany. *Hoppe. Ins. Erlang. p. 45. fig. 8. 9.*

Antennæ red-testaceous: *thorax* tuberculate: *shells* obscurely striate punctured: *hind-thighs* clavate: *male* head *thorax* and *shells* black; *female* brassy.

Holosericea. Hind-thighs toothed: body blackish-violet: antennæ and legs black-brown.

Inhabits Germany. *Herbst Arch. 5. p. 100. n. 4.*

Palustris. Hind-thighs toothed: body blackish-violet: antennæ and legs chestnut.

Inhabits Germany. *Herbst. Arch. 5. p. 100. n. 5.*

Bicolor. Hind-thighs toothed: body gold: thorax and shells green, the latter striate punctured, with scattered impressed dots.

Inhabits Europe. *Mus. Lesh. p. 27. n. 589.*

Fusca. Hind-thighs 1-toothed: body brown: shells striate punctured: mouth antennæ and legs rufous

Inhabits Europe. *Mus. Lesh. p. 27. n. 591.*

Rufescens. Hind-thighs toothed: body reddish bronzed, beneath cinereous bronzed: shells striate punctured with crenate wrinkles.

Inhabits Europe. *Mus. Lesh. p. 27. n. 592.*

Nitida. Hind-thighs toothed: body shining green-gold: shells striate punctured, with crenate wrinkles and a broad common purple-green fillet: abdomen antennæ and legs gold.

Inhabits Europe. *Mus. Lesh. p. 27. n. 593.*

Coerulea. Hind-thighs toothed: body blue: shells striate punctured with crenate wrinkles: antennæ brassy.

Inhabits Europe. *Mus. Lesh. p. 27. n. 595.*

Clavipes. Hind-thighs unarmed: body brassy: abdomen covered with silvery down.

Inhabits Germany, on aquatic plants.

Antennæ black, rufous at the tip. *thorax* and *shells* striate and punctured: *legs* rufous: *hind-thighs* clavate.

1 *Fasciculata*.

- Fasciculata*. Hind-thighs unarmed; body black: hind legs long, the shanks with a tuft of long hairs at the tip.
Inhabits *Cayenne*: body very slender, with a silvery gloss beneath.
- * *Simplex*. Hind-thighs unarmed: body shining brassy.
Inhabits *Europe*, on aquatic plants: shells striate punctured.
- Linearis*. Hind-thighs unarmed: shells linear, truncate, shining-brassy: legs subtestaceous.
Inhabits *Germany*. Hoppe. *Ins. Erl.* p. 46. fig. 10.
Antennæ blackish: head punctured, lined: thorax rugged channelled: shells finely striate punctured: abdomen cinereous.
- Hydrocharis*. Hind-thighs unarmed: shells cinereous glossy, rounded at the end: body and legs cinereous.
Inhabits *Germany*. Hoppe. *Ins. Erlang.* p. 46. fig. 11.
Antennæ cinereous: head lined: shells obscurely striate punctured: body beneath and legs cinereous.
- Mucronata*. Hind-thighs unarmed: body above livid, beneath head and antennæ black: thorax with 2 divergent lines: shells spinous at the end.
Inhabits *Germany*. Hoppe. *Ins. Erl.* p. 47. fig. 12.
Mouth yellow: lines on the thorax black: shells striate punctured, the punctures black: scutellum black: legs livid, the joints black.
- Cinerea*. Hind-thighs unarmed: body cinereous with coppery specks.
Inhabits *Pomerania*. Herbst. *Arch.* 5 p. 100. n. 6.
- Grassipes*. Hind-thighs unarmed: body green bronzed, beneath cinereous bronzed: shells striate punctured, with transverse small lines: mouth antennæ and legs rufous.
Inhabits *Europe*. Mus. Lesh. p. 27. n. 590.
- Vulgaris*. Hind-thighs unarmed: body silvery-green: shells striate punctured, with crenate wrinkles and a broad common purple-green fillet: head abdomen and legs silvery-ash.
Inhabits *Europe*. Mus. Lesh. p. 27. n. 595.

B. *Lip bifid.* Leptura.

- Unipunctata*. Black; shells rufous with a black dot in the middle.
Inhabits *Dresden*. Oliv. *Ins.* 73. tab. 1. fig. 9.

- Hastata.* Black ; shells red, the tip and future in the middle black.
Inhabits *Southern Europe.* *Oliv. Ins.* 73. tab. 1. fig. 5.
Segments of the *abdomen* with silvery down at the edge.
- 2-punctata.* Black, villous : shells livid with a black dot in the middle, future and tip.
Inhabits *Siberia.* Shells rounded at the tip.
- Tomentosa.* Thorax villous golden ; shells testaceous tip with black.
Inhabits *Fran c.* *Geoffr Ins* 1. 227. 8.
Head and antennae black : shells smooth slightly notched at the tip : *abdomen* covered with silvery down : tail emarginate ; legs black.
- * *Melansura.* Black , shells reddish or livid, the future and tip black.
Inhabits *Europe*, on flowers. *Schæff. Icon.* tab. 39. fig. 4.
- Suturalis.* Black ; shells and legs livid ; future and tip of the shells black.
Inhabits *Keil.* *Leptura lævis.* *Fabricius.*
Antennae black, the first joint livid at the tip : head and thorax black villous : body clothed with silvery down.
- Livida.* Black ; shells testaceous immaculate : legs black.
Inhabits *Germany.* *Herbst. Arch.* tab. 26. fig. 23.
Shells rounded at the tip and hardly emarginate.
- Strigilata.* Black ; shells testaceous with a blackish fillet.
Inhabits *Sweden* ; small : shells slightly emarginate.
- Emarginata.* Black ; shells purple, the tip emarginate black.
Inhabits *Cayenne.*
Abdomen 2-toothed at the end, the segments shining silvery at the base.
- * *Sanguinolenta.* Black : shells sanguineous.
Inhabits *Europe.* *Oliv Ins.* 73. tab. 2. fig. 13.
Male shells testaceous tip with black.
Varies in having the shells edged with black.
- * *Meridiana.* Thorax subspinous : shells fastigate : breast shining.
Inhabits *Europe.* *Schæff Icon.* tab. 82. fig. 4 tab. 279. fig. 3.
Male blackish : female testaceous : larva with long legs.
- * *Villa.* Ferruginous ; antennæ shells and breast brown.
Inhabits *England.* *Schæff. Icon.* tab. 69. fig. 1.
Antennae dark brown, the first joint rufous : head rufous : eyes black : hind angles of the thorax acute.

- * *Rubra*. Back ; thorax shells and shanks purple-red.
Inhabits *Europe*. *Schaeff. Icon. tab. 69. fig. 2.*
- * *Testacea*. Black ; shells testaceous : shanks rufous : thorax rounded behind,
Inhabits *Europe*. *Schaeff. Icon. tab. 39. fig. 3.*
This is supposed to be only the *male* of the last.
- * *Pubescens*. Black with cinereous down : rib of the wings testaceous at the base.
Inhabits *Sweden* : resembles *Lept. testacea*.
- * *Virens*. Silky-greenish : antennæ varied with brown and green.
Inhabits *Europe*. *Oliv. Ins. 73. tab. 2. fig. 111.*
- Smaragdula*. Silky-greenish : antennæ and legs black.
Inhabits *Sweden* ; half the size of the last.
- * *Atra*. Body entirely deep black.
Inhabits *Europe*. *Oliv. Ins. 73. tab. 1. fig. 4.*
Abdomen with white silky down : legs sometimes testaceous.
- Humeralis*. Black ; shoulders and abdomen ferruginous.
Inhabits *Germany* : twice as long as *D. 4 guttata*.
- Exclamatoria*. Black ; shells with a yellow line down the middle and dot at the base,
Inhabits *Sweden* ; small.
Shells truncate : abdomen covered with silvery down.
- Suturata*. Cinereous ; shells testaceous with a black suture.
Inhabits *Germany*.
Antennæ testaceous tip with black : head thorax and abdomen with cinereous down : shells smooth : legs rufous, the joints black.
- Scutellata*. Black : scutell white.
Inhabits *Italy*. Shells emarginate : abdomen silky-white.
- Lurida*. Ferruginous ; shells testaceous.
Inhabits the deserts of *Hircania*.
- Femorata*. Black : thighs rufous at the base.
Inhabits *Saxony*. Fore-shanks rufous.
- Ruficornis*. Black : antennæ and legs rufous.
Inhabits *Italy*. Body covered with yellowish down.

- Marginata*. Black : edge of the shells and hind-shanks rufous.
Inhabits Norway. Body dusky.
- **Nigra*. Shells tapering : body black polished : abdomen red.
Inhabits Europe. Schaeff Icon. tab. 39. fig. 7.
- **Praeusta*. Body covered with golden pubescence ; head and tip of the shells black.
Inhabits Europe.
First joint of the antennae ferruginous : legs red.
- 4-guttata*. Brown ; shells black with 2 ferruginous dots at the base.
Inhabits Saxony.
Thorax with cinereous down : thighs ferruginous at the base.
- Rostrata*. Dull brassy : legs yellow.
Inhabits Africa, on the Ammi majus.
Antennae yellowish at the base thorax and shells smooth.
- Luteicornis*. Yellow ; thorax with 2 black lines : shells with 4 black bands.
Inhabits Carolina.
Head and antennae yellow : thorax tapering before : legs yellow : hind thighs with a black ring.
- 4-maculata*. Black ; shells testaceous with a black ring.
Inhabits Germany. Oliv. Ins. 73. tab. 1. fig. 7.
- 4-pustulata*. Black ; shells with 2 remote ferruginous spots.
Inhabits Sweden. Abdomen with golden-down.
- **8maculata*. Black : shells livid with 4 black spots.
Inhabits Europe. Schaeff. Icon. tab. 1. fig. 7.
- Interrogatilis*. Black ; shells yellow with a longitudinal curved black line and 4 marginal spots.
Inhabits Sweden. Spots 1, 3, sometimes connected with the line.
- Marginella*. Blackish ; sutures of the shells, 2 marginal spots and tip yellow.
Inhabits Italy. Shells with a black dot at the tip.
- **6-maculata*. Black ; shells testaceous with 3 indented black bands, the anterior one a little interrupted.
Inhabits Europe. Schaeff. Icon. tab. 6. fig. 9.

7-punctata. Black; thorax testaceous with a black dot: shells testaceous with 7 black dots.

Inhabits *Hungary*; small, slender..

Head with a large frontal testaceous spot: *abdomen* testaceous: legs black.

12-maculata. Black; shells yellow with 6 black spots.

Inhabits *Siberia*; larger than *L. 6-maculata*.

* *Attenuata* Shells tapering, yellow with 4 black bands: legs testaceous.

Inhabits *Europe*. *Schaff. Icon. tab. 39. fig. 6.*

Abdomen rufous tip with black, sometimes wholly black.

Calcarata. Black; shells tapering, yellow with 4 black bands, the first punctured, second interrupted: hind-shanks 2-toothed.

Inhabits *Germany*. *Herbst. Arch. tab. 29. fig. 24.*

Antennæ black, the joints yellow at the base: *thorax* subspinous.

Subspinosa. Black; shells testaceous with 4 black bands, the first punctured: *antennæ* and legs yellow.

Inhabits *Germany*; merely the *female* of the last.

Head black with a fulvous frontal band: shells emarginate: 3 segments of the *abdomen* yellow.

Sinuata. Black; shells with 2 yellow spots and 2 dots.

Inhabits *Keil*; size of the last.

Antennæ black, the joints yellow at the base: 3 segments of the *abdomen* yellow: legs yellow: *hind-thighs* tip with black.

* *4-fasciata* Black; shells testaceous with 4 indented black bands.

Inhabits *Europe*. *Schoeff. Icon. tab. 59. fig. 6.*

Aurulenta. Black; fore and hind margin of the thorax golden: shells testaceous with 4 simple black bands.

Inhabits *Germany*; less than *L. 4-fasciata*.

Shells emarginate: segments of the *abdomen* edged with white.

Dubia. Black, subvillous: shells testaceous dotted with black: legs black.

Inhabits *Siberia*.. Body clothed with fulvous down.

6-guttata. Black; shells with 3 yellow spots.

Inhabits *Germany*. *Herbst. Arch. tab. 26. fig. 25.*

- 3-fasciata*. Black; shells with 3 yellow bands, the first interrupted.
Inhabits Sweden. *Schæff. Icon. tab. 39. fig. 10.*
Antennae pale ash, black at the base: first band on the shells composed of 2 dots, second with a small tooth, third lunate.
- Reticulata*. Black; shells testaceous at the base, tip with black and reticulate with yellow.
Inhabits Italy. *Fabricius Append. p. 453.*
Antennae black, the joints yellow at the base: legs rufous, the joints black.
- *Sericea*. Green-blue; shells subfastigate.
Inhabits Europe. *Schæff. Icon. tab. 48. fig. 1.*
- Marie*. Thorax orbicular: body totally black polished.
Inhabits Sweden. Size of *Leptura collaris*.
- *Collaris*. Thorax globular and with the abdomen red: shells black.
Inhabits Europe. *Schæff. Icon. tab. 58. fig. 9.*
- *Virginea*. Thorax globular black: shells violet: abdomen rufous.
Inhabits Europe. *Oliv. Ins. 73. tab. 2. fig. 24.*
- Carbonaria*. Black; shells testaceous tip with brown.
Inhabits Europe. *Mus. Lesk. p. 28. n. 612.*
- Nigella*. Black; shells testaceous: fore-shanks rufous.
Inhabits Europe. *Mus. Lesk. p. 28. n. 614.*
- Erythropus*. Black; legs red: base of the thighs, tips of the shanks and ends of the legs black.
Inhabits Europe. *Mus. Lesk. p. 28. n. 606.*
- 5-maculata*. Black: antennæ annulate with black: legs and shells testaceous, the latter with 5 black spots and 3 bands.
Inhabits Europe. *Mus. Lesk. p. 28. n. 600.*
- Fesca*. Brown with golden down: base of the antennæ testaceous: fore-thighs and shanks testaceous, the former with 4 testaceous bands, the latter testaceous at the base.
Inhabits Europe. *Mus. Lesk. p. 28. n. 617.*
- Revestita*. Testaceous; shells breast and antennæ black.
Inhabits Germany; size of *Leptura testacea*.

- Cerambyci-formis.* Black; shells yellow with 3 black bands, the first composed of dots.
Inhabits Hungary and Austria. *Herbst. Arch. tab. 26. fig. 26.*
- Russica.* Black with whitish down: shells yellowish with 5 black spots and a line in the middle.
Inhabits Russia. *Herbst. Arch. tab. 26. fig. 27.*
- Lævis.* Black, beneath silky: antennæ yellowish-brown: fore-legs ferruginous.
Inhabits Pomerania. *Herbst. Arch. 5. p. 103. n. 18.*
- Solstitialis.* Black; antennæ ferruginous at the base: legs and shells yellow, the latter edged with black.
Inhabit Berlin. *Herbst. Arch. 5. p. 103, n. 19.*
- Splendida.* Black with yellow down: shells glabrous at the tip: legs fulvous: antennæ brown, ferruginous at the base.
Inhabits Germany. *Herbst. Arch. 5. p. 103. n. 20.*
- 4-notata.* Black with yellowish down, beneath with whitish: antennæ brown at the base: thighs ferruginous at the base: shells punctured with 2 orange spots,
Inhabits Berlin. *Herbst. Arch. tab. 45. fig. 14.*
- Plumipes.* Brown, punctured: thighs subclavate: hind-legs very long, the shanks tufted at the tip
Inhabits——*Pall. Spic. Zool 9. tab. 1. fig. 2, 2.*
- Rufipes.* Black; legs rufous, the thighs black at the base.
Inhabits Germany. *Schæff. Icon. tab. 55. fig. 7.*
- 8-notata.* Black; shells testaceous with 6 black spots and tip.
Inhabits Saxony. *Schæff. Icon. tab. 6. fig. 9.*
- Schalleri.* Brown; base of the shells with 4 rufous spots.
Inhabits Germany. *Schæff. Icon. tab. 182. fig. 4.*
- Ustulata.* Black; thorax and shells testaceous tipped with black: legs testaceous:
Inhabits Germany. *Schall. Af. Hall. 1. p. 298.*
- Pumila.* Brown; fore-legs testaceous, the thighs black above.
Inhabits Saxony. *Af. Hall. 1. p. 299.*

- Parisina*. Black : base of the antennæ and thighs reddish.
Inhabits Germany. *Thunb. Act. Ups.* 4. v. 16. n. 28.
- 2-pustulata*. Shells black, striate punctured, with 2 testaceous spots.
Inhabits Upsal. *Thunb. Act. Ups.* 4. p. 17. n. 29.
- Verna*. Black ; fore-shanks fulvous.
Inhabits Denmark. *Schaeff. Icon. tab.* 55. fig. 9.
- Nigripes*. Black ; shells dull yellow-testaceous : legs black.
Inhabits——*Degeer, Inf.* 5. p. 136. n. 12.
- Maculosa*. Black ; shells livid testaceous : antennæ spotted with black.
Inhabits——*Degeer. Inf.* 5. p. 139. n. 16.
- Lunatula*. Black ; thorax with a narrow yellow band behind : shells with 2 ferruginous lunules.
Inhabits the Cape of good hope. *Stock. Trans.* 1787. n. 3, 19.
- Bicolorata*. Pale ferruginous : eyes, shells, wings and tail above black.
Inhabits America. *Stock. Trans.* 1787, 3. n. 3, 20.
- 10-punctata*. Black ; thorax subglobular : shells with 10 dots.
Inhabits Ural. *Lepech. It.* 2. tab. 10. fig. 2.
- Varia*. Villous, hoary : thorax subglobular : shells black with white dots and 4 interrupted bands.
Inhabits Ural. *Lepech. It.* 2. tab. 10. fig. 4.
- Viridis*. Greenish : thorax subovate with 2 darker lines, the back black.
Inhabits Siberia. *Lepech. It.* 2. tab. 10. fig. 11.
- Pilosa*. Black with cinereous down : thorax globular shells fastigate.
- Nitens*. Thorax globular and with the abdomen black, with yellowish shining down : shells black with 4 broad yellow bands : legs ferruginous,
Inhabits North America. *Forst. Nov. Ins.* 1. p. 43. n. 45.
- Bilineata*. Blackish-brown : thorax with 2 yellowish lines, shells with scattered dots.
Inhabits Carolina. *Scopel. Hist. Nat.* 5. p. 102. n. 76.

- Cerulea*. Blue; fore-shanks rufous.
Inhabits *Italy*. *Scopol. Ann. Hist. Nat.* 5. p. 102. n. 78.
- Squalida*. Black; shells testaceous at the base and inner margin.
Inhabits *Italy*. *Scopol. Ann. Hist. Nat.* 5. p. 102. n. 79.
- Bipartita*. Black; thorax ferruginous with a black line: shells with a common ferruginous spot.
Inhabits *Germany*. *Schrank. Natur.* p. 68. §. 16.
- Ferruginea*. Black; shells ferruginous with a broad patch of black.
Inhabits *Germany*. *Schrank. Natur.* p. 68. tab. 13. fig. 14.
- Lambda*. Black; shells with 3 white bands.
Inhabits *Germany*. *Schrank. Natur.* p. 67. tab. 3. fig. 13.
- Aurea*. Green-gold; thorax spinous: shells with 2 black stripes: thighs rufous.
Inhabits——*Degeer. Inf.* 5. p. 145. n. 1.
- Genii*. Black; shells brown-testaceous tip with black: legs yellow.
Inhabits *Europe*. *Schæff. Icon.* tab. 39. fig. 5.
- Maculata*. Black with yellow downy spots: thorax globular: antennæ half as long as the body.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 211. n. 7.
- Nævia*. Black with yellow down: shells with 2 black glabrous spots.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 211. n. 8.
- Punctulata*. Blackish; head and thorax red dotted with black.
Inhabits *France*. *Geoffr. Ins. par.* p. 203. n. 9.
- Strigosa*. Yellow downy: shells with 3 narrow black bands.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 216. n. 14.
- Gallica*. Blue; shanks rufous: thorax subglobular.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 217. n. 16.
- trassipes*. Black; thighs thick rufous.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 219. n. 20.

2-maculata. Rufous; thorax cylindrical: shells punctured, with a white spot and undulate streak.

Inhabits Europe. Schæff. Icon. tab. 158. fig. 1.

Villosa. Black villous: thorax cylindrical with a pale stripe.

Inhabits Denmark. Mull. Zool. Dan. p. 95. n. 1072.

36. NECYDALIS. Antennæ setaceous or filiform: feelers 4, filiform: shells less than the wings, and either narrower or shorter than the abdomen: tail simple.

A. Antennæ setaceous: shells shorter than the wings and abdomen. Molorchus.

* Major. Shells ferruginous immaculate: antennæ short.

Inhabits Europe. Schæff. Icon. tab. 10. fig. 10, 11.

Head black: wings longer than the body.

Variegata. Abdomen black with fulvous bands.

Inhabits New Holland.

Antennæ brown, as long as the body: head black: front yellowish: thorax black, the fore and hind margin and dorsal line fulvous: scutell fulvous: shells brown tipped with black: breast black with fulvous spots: legs ferruginous.

* Minor. Shells testaceous with a small white line at the tip: antennæ long.

Inhabits Europe. Schæff. Icon. tab. 95. fig. 5.

* Umbellatarum. Shells testaceous immaculate: antennæ long.

Inhabits Europe. Schæff. Icon. tab. 95. fig. 4.

B. Antennæ filiform: shells subulate, as long as the body.
Necydalis.

Thalassina. Thorax channelled: body green: legs black.

Inhabits Germany; twice as large as Nec. viridissima.

* Viridissima Thorax roundish: body green: fore-legs testaceous.

Inhabits Europe. Degeer. Insi. 5. tab. 1. fig. 13.

* Cærulescens

- *Cærulescens*. Thorax roundish: body blue subopaque.
Inhabits *Europe*, with the former ones.
- Virescens*. Thorax unequal: body dull greenish: antennæ and legs black.
Inhabits *Germany*; less than *N. thassalina*.
Thorax impressed each side: *shells* with 2 raised lines: *hind-thighs* in one sex clavate, in the other simple.
- Cyanea*: Thorax ovate: blue; antennæ and legs black.
Inhabits *Germany*; size of the last: *thighs* blue.
- Sanguinicollis*. Thorax roundish rufous: body brown.
Inhabits *Saxony*.
Thorax with 2 impressed dots: *shells* striate with 3 raised lines: *hind-thighs* sometimes thickened.
- Barbara*. Thorax uneven: greenish; tip of the shells and legs yellowish.
Inhabits *Barbary*; *hind-thighs* black.
- Seladonia*. Thorax uneven: body green polished: shells blue, thickened at the tip.
Inhabits *Germany*; something less than *C. virescens*.
Antennæ black: *shells* with 3 raised lines: *legs* black: *thighs* green.
- Ruficollis*. Thorax roundish and with the abdomen rufous: head and shells brassy-green.
Inhabits *Italy*: size of *N. cærulescens*.
Head green: *antennæ* and *legs* black.
- Melanoccephala*. Black; thorax and abdomen fulvous: shells testaceous.
Inhabits *Italy*; size of the last.
First joint of the *antennæ* testaceous: *thorax* and *shells* smooth: *legs* testaceous: *thighs* black.
- Tristis*. Black; thorax roundish and with the base of the thighs rufous.
Inhabits *Van Diemen's Land*. *Shells* smooth.
- Atra*. Shells subulate: black; all the thighs clavate.
Inhabits *Southern parts of Europe*.
Segments of the *abdomen* beneath white at the sides: *thighs* in one sex simple.

- **Humeralis* Shells subulate black, yellow at the base.
Inhabits *England*. *Cantharis humeralis*. *Oliv. Ins.*
Shells without lines : *body* and *legs* black.
- Ustilata*. Black ; base of the shells and broad suture testaceous.
Inhabits *Germany*. *Thorax* of the *female* fulvous.
- Melanura*. Black : thorax and shells testaceous, the latter tipped with black.
Inhabits *Spain*, on various plants.
- Notata*. Head and thorax ferruginous : shells testaceous tipped with black.
Inhabits *Germany* ; size of the last.
Thorax subangular : *abdomen* black : *legs* ferruginous.
- Fulvicollis*. Black ; thorax and tail fulvous ; shells with a blueish shade.
Inhabits *Germany* ; something less than *N. melanura*.
- **Rufa*. Shells subulate : body black : all the thighs clavate : shells and antennæ rufous.
Inhabits *Europe*. *Schæff. Icon. tab. 94. fig. 8.*
Shells with a black dot at the base : *scutellum* white : *thorax* white at the base and tip : *abdomen* with a lateral white spot.
- Praeusta*. Black ; shells testaceous tipped with black ; all the thighs clavate.
Inhabits *Barbary* ; rather less than the last.
Abdomen with lateral white spots above : *legs* sometimes black, sometimes testaceous.
- **Cacrulea*. Shells subulate : body blue : hind-thighs clavate, arched.
Inhabits *Europe*. *Schæff. Icon. tab. 94. fig. 7.*
Varies in having the legs sometimes simple.
- Podagraria*. Shells subulate testaceous : body black : hind-thighs clavate, testaceous at the base.
Inhabits *Europe*, in gardens.
- Flavescens*. Shells testaceous : body black : hind-thighs clavate, curved.
Inhabits *Europe*. *Schæff. Icon. tab. 85. fig. 7.*
Fabricius suspects this to be a mere variety of the last.

- Bicolor.* Blueish ; edge of the thorax abdomen and legs testaceous.
Inhabits the *Cape of good hope*.
Antennæ dusky ; *thorax* rufous with a broad blueish dorsal line :
shells blueish, hardly striate : *hind-thighs* strongly clavate.
- Clavipes.* Black : shells tapering greenish : hind-thighs thickened curved.
Inhabits *Keil*. Half the size of the former ones.
Thorax impressed each side black-green : *shells* with a raised dusky line reaching not half way down.
- Testacea.* Black ; thorax and shells testaceous : legs rufous.
Inhabits *Germany*. Head brown : *antennæ* black.
- Glaucescens.* Shells subulate glaucous : body black : incisures of the abdomen white.
Inhabits *Southern Europe*. *Schæff. Icon. tab. 94. fig. 6.*
- Simplex.* Shells subulate testaceous : legs simple.
Inhabits *Europe* : probably a variety of *N. podagraria*.
- Quercus.* Shells subulate : abdomen and legs yellowish.
Inhabits *Denmark*, on the oak : very small.
Antennæ black the first joint yellow : head black : mouth yellow :
thorax black : shells brown.
- Brevicornis.* Shells very minute : head and thorax brown with a yellow line : *antennæ* very short and thick.
Inhabits *Guinea* ; large, long : legs testaceous.
- Striata.* Greenish : shells with 4 raised lines.
Inhabit *Berlin*. *Herbst. Arch. 5. p. 109. n. 5.*
- Melanocéphala.* Shells testaceous : head and wings black : *antennæ* brown.
Inhabits *Saxony*. *Schaller. Art. Hall. 1. p. 300.*
- Glaucia.* Black ; thorax and shells blue.
Inhabits *Berlin*. *Herbst. Arch. 5. p. 109. n. 6.*
- Collaris.* Black ; thorax testaceous with 2 punctures : legs simple.
Inhabits *North America*. *Forst. Nov. Ins. 1. p. 46. n. 46.*
- Exusta.* Brown ; shells subulate testaceous, darker at the margin : legs simple.
Inhabits *Europe*. *Mus. Lesh. p. 31. n. 664.*
- Clavata.* Black ; shells subulate testaceous, the outer margin brown : hind-thighs clavate, curved.
Inhabits *Europe*. *Mus. Lesh. p. 31. n. 665.*

37. LAMPYRIS. *Antennæ* filiform: *feelers* 4: *shells* flexile: *thorax* flat, semiorbicular, furrounding and concealing the head: segments of the *abdomen* terminating in folded papillæ: *female* (usually) apterous. Fire-fly.

A. *Feelers* subclavate.

a. *Lip* horny entire. Lampyris.

- *Noctiluca*. Oblong, brown: shield cinereous. Glow-worm.
Oliv. Ins. 28. tab. 1. fig. 2. *Degeer. Ins.* 4. tab. 1. fig. 19. 20.
 Inhabits woods and meadows of *Europe*. The *female* is larger than the *male* and emits a beautiful phosphoric light, for the purpose of attracting the male.
- Splendida*. Oblong, brown: shield hyaline at the tip.
la. Inhabits woods of *Europe*. *Oliv. Ins.* 28. tab. 1. fig. 1.
 Is said to be peculiarly resplendent in showry weather.
- Cerrusea*. Dull black: shield with a rosy crescent each side.
 Inhabits *North America*. *Oliv. Ins.* 28. tab. 1. fig. 14.
- Obscura*. Black; shield with a rufous spot each side.
 Inhabits *Terra del fuego*. *Oliv. Ins.* 28. tab. 1. fig. 13.
 Shield depressed at the sides: shells brown immaculate.
- Laticornis*. Ovate, black: margin of the shield rufous: antennæ compressed
 Inhabits *Senegal*. *Oliv. Ins.* 28. tab. —fig—.
 Shield rounded: shells substriate: abdomen with 2 or 3 white pellucid dots on the last segment.
- Pyrallis*. Shield rufous, black in the middle, shells black, the edges and abdomen white.
 Inhabits *South America*. *Oliv. Ins.* 28. tab. 2. fig. 11.
 The extreme edge of the shield and shells reddish.
- Cincta*. Brown; thorax edge of the shells and tip of the abdomen fulvous.
 Inhabits *Pulicandor*. *Oliv. Ins.* 28. tab. 3. fig. 22.
 Head brown: abdomen black, the last segment but one white: the last fulvous: legs black: thighs fulvous.

Marginata.

Marginata. Oblong, black: edge round the thorax and shells, scutel and hind-part of the abdomen yellow.

Inhabits *America*. *Oliv. Ins.* 28. tab. 2. fig. 16.

Antennæ brown, yellow at the base: *legs* variegated.

Pectinata. Black; outer base of the sides of the shield and tips of the abdomen and shells white: *antennæ* pectinate.

Inhabits *America*. *Degeer. Ins.* 4. tab. 17. fig. 13.

Antennæ feathered, nearly as long as the body.

Flabellicornis. Black; shield before the margin, marginal line at the base of the shells and tip of the abdomen white.

Inhabits *Brasil*. *Oliv. Ins.* 28. tab. 3. fig. 26.

Antennæ very large, fan-shaped. *shells* hardly striate.

Hespera. Ovate: shells brown with a triangular marginal yellow spot.

Inhabits *America*. *Oliv. Ins.* 82. tab. 1. fig. 6.

Shield yellow with a brown spot on the fore-part.

Ignita. Ovate; shells brown with an ovate marginal yellow spot.

Inhabits *South America*. *Oliv. Ins.* 28. tab. 1. fig. 7.

Shield with 2 brown spots on the fore-part: *abdomen* yellow.

Lucida. Oblong: shells brown, the outer margin pale yellow: *abdomen* yellow.

Inhabits *South America*. *Oliv. Ins.* 28. tab. 2. fig. 19.

Nitidula. Oblong, brown: thorax yellowish with a black spot in the middle: tip of the abdomen with 2 yellow spots.

Inhabits *Africa*. *Oliv. Ins.* 28. tab. 2. fig. 15.

Head black: *shells* hardly striate: last segment of the *abdomen* with 2 yellow spots beneath.

Phosphorea. Oblong, subtestaceous: *abdomen* black, rich yellow behind.

Inhabits *America*. *Degeer. Ins.* 4. tab. 17. fig. 6. *Antennæ* black.

Japonica. Yellow; last segment but two of the *abdomen* black.

Inhabits *Japan*. *Oliv. Ins.* 28. tab. 2. fig. 18.

Flies about in the evening during the months of May and June and scatters a phosphoric vapour from 2 vesicles at the end of the tail.

Antennæ, *eyes*, *wings* and last segments of the *tail* but 2 black.

Atra. Black; margin of the thorax rufous.

Inhabits *North America*. *Oliv. Ins.* 28. tab. 3. fig. 28.

Antennæ ferrate.

Capensis.

- Capensis.* Livid ; thorax yellowish : abdomen rich yellow behind.
Inhabits the *Cape of good hope.* *Oliv. Ins.* 28. tab. 2. fig 17.
Antennae brown : *scutel* yellowish : *shells* with a brown spot at the base and yellowish at the edge : *wings* black : *legs* livid, brown at the ends.
Varies in having 2 brown spots on the *thorax*.
- Australis.* Yellowish ; head and shells brown : tip of the abdomen clear white.
Inhabits *New Holland* : very much resembles the next.
Thorax and *scutel* ferruginous : ends of the *legs* black.
- Italica.* Black : thorax transverse and with the legs rufous : abdomen clear white at the tip.
Inhabits *Italy.* *Oliv. Ins.* 28. tab. 2. fig. 12..
Antennae black : *thorax* immaculate.
- Vittata.* Rufous ; shells black with a yellow margin all round and abbreviated fillet in the middle.
Inhabits *Guadeloupe.* *Oliv. Ins.* 28. tab. 3. fig. 20.
Antennae black, the joints rufous at the base : *thorax* orbicular : *legs* ferruginous, the joints black.
- Mauritani-
ca.* Shells livid: body yellow.
Inhabits *Africa.* *Oliv. Ins.* 28. tab. 1. fig. 5.
- Hemiptera.* Black ; shells very short.
Inhabits *France.* *Oliv. Ins.* 28. tab. 3. fig. 25. Small.
Antennæ compressed : *shield* rounded : *shells* ovate : *abdomen* flat.
- Chinensis.* Shells testaceous tipped with black.
Inhabits *Asia.* *Osb. It.* 224.
- Minor.* Testaceous ; abdomen and wings blackish.
Inhabits *Europe* : oblong-oval ; hardly larger than a louse.
- Pilosa.* Oblong, black : thorax sanguineous with 2 black lines ; 3 last joints of the *antennæ* pectinate.
Inhabits *America.* *Forst. Nov. Ins.* 1. p. 49. n. 49.
- b. *Lip membranaceous emarginate.* *Omalysus.*
- Suturalis.* Shells striate punctured, rufous with a broad black suture.
Inhabits *France.* *Oliv. Ins.* 24. tab. 1. fig. 1.

B. fore-feeler.

B. *Fore-feelers hatchet-shaped.* Cossyphus.

- Depressa.* Brown; margin of the shield and shells dilated flat.
 Inhabits *East India.* *Herbst. Arch. Ins. tab. 46. fig. 7.*
 Four last joints of the *antennæ* thicker and perfoliate: *shells* with
 a single raised line in the middle.

C. *Feelers subfiliform.* Pyrochroa.

- * *Coccinea.* Head thorax and shells sanguineous: body black.
 Inhabits *Europe.* *Donovan's Eng. Insects. ii. plate 56. fig. 1.*
Antennæ pectinate: *body* beneath and *legs* black.
Pyrochroa rubens of *Fabricius* does not differ from this.
- Flabellata.* Scarlet; *antennæ* and shells black:
 Inhabits *America.*
Antennæ ferrate, the first joint rufous: *shells* smooth.
- Pectinicornis.* Black; thorax and shells scarlet: *antennæ* pectinate.
 Inhabits *Germany*: larger than the *Lampyris coccinea.*
Antennæ deeply feathered or rather fan-shaped: *thorax* with a
 black spot in the middle: *shells* glabrous.
- 10-maculata.* Rufous: shells striate black with 5 red spots: thorax with
 3 tubercles each side.
 Inhabits *Cayenne.* *Trachys 10-maculatus. Oliv. Ins.*
Antennæ fan-shaped: *thorax* punctured, with a raised line down
 the middle: *shells* punctured, with 3 raised lines.
- Aurora.* Black; thorax red cancellate: shells tawny with 4 raised
 lines, the interstices dotted in rows.
 Inhabits *Pomerania.* *Herbst. Arch. 5. p. 105. n. 4.*
- Nitens.* Oblong; shells brownish with an oblong brown marginal
 spot: abdomen rufous beneath, yellow behind, one of
 the segments black.
 Inhabits *Surinam.* *Degeer. Ins. 4. tab. 17. fig. 3.*
- Maculata.* Ovate, testaceous: thorax with a black band: shells with a
 black spot.
 Inhabits—*Degeer. Ins. 4. p. 50. n. 4. tab. 17. fig. 4.*
- Pennsylvanica.* Oblong; shells pale grey-testaceous; thorax black within
 the margin, with 2 rufous spots.
 Inhabits *America.* *Degeer. Ins. 4. tab. 17. fig. 8.*
 Emits a phosphoric light in the evening like the glow-worm.

D. *First joint of the feelers thicker and truncate.* Lycus.

Latissima. Yellow; shells with a black marginal spot and black behind, the lateral margin very much dilated.

Inhabits *Sierra Leona.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 2.

Mouth cylindrical, prominent: *body* narrower before and wider behind: *antennae* serrate.

Palliat. Shells coriaceous, very broad, testaceous tip with black.

Inhabits the *Cape of good hope.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 3.

Body black: *thorax* with a testaceous spot each side: *shells* striate: *wings* tip with brown.

Rostrata. Black; sides of the thorax and dilated shells yellow: shells black behind.

Inhabits *Africa.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 4.

Edge of the *thorax* yellow.

Proboscidea. Black; sides of the thorax and shells yellow: shells black behind.

Inhabits *Africa.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 6.

Serraticornis. Black; thorax and shells reddish: shells tip with black.

Inhabits *New Holland*; not half the size of the last.

Antennae compressed serrate: *thorax* slightly reflected at the edges: *shells* grooved: *thighs* testaceous at the base.

Atrata. Black; thorax orbicular and with the shells red; an impressed black spot on the back.

Inhabits *Europe.* Mus. Lesh. p. 29. n. 626.

Præusta. Ferruginous; shells tip with black.

Inhabits *Tranquebar*; size of *Lampyris ferraticornis*.

Antennae ferruginous tip with black.

Fasciata. Black; thorax yellowish at the edge: shells with a broad white band.

Inhabits *Cayenne.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 8.

Reticulata. Black; thorax edged with yellow: shells yellow with a black band and tip.

Inhabits *North America.* Oliv. *Ins.* 29. *tab.* 1. *fig.* 7.

Antennae serrate compressed: *shield* rounded: *shells* broader behind; reticulate with 4 raised lines and many transverse streaks: *sternum* yellow.

Bicolor.

- Bicolor*. Sanguineous ; shells violet behind.
Inhabits *Africa*. *Oliv. Ins.* 29. *tab.* 1. *fig.* 9.
- Sanguinea*. Black ; sides of the thorax and glabrous shells sanguineous.
Inhabits *Europe*. *Oliv. Ins.* 29. *tab.* 1. *fig.* 1.
- Germanica*. Black : sides of the thorax and cross-streaked shells rufous.
Inhabits *Germany*. *Lycus Aurora*. *Fabricius*.
Shells with reticulate striæ : edge of the thorax rufous.
- Nigripes*. Sanguineous ; antennæ and legs black.
Inhabits *Si. m.* *Oliv. Ins.* 29. *tab.* 1. *fig.* 12.
Shells substriate : antennæ and legs rufous at the base.
- Minuta*. Black ; antennæ at the tip and shells sanguineous.
Inhabits *Norway*. *Oliv. Ins.* 29. *tab.* 1. *fig.* 14.
- Flabellicornis*. Black ; margin of the thorax testaceous : antennæ ferrate.
Inhabits *Cayenne* : small.
Shells striate, the striæ punctured, with a small yellowish spot at the base : body black.
- Ruficollis*. Black ; thorax rufous.
Inhabits the *Cape of good hope* ; size of the last.
Antennæ simple : thorax elevated at the edge : shells striate, the striæ punctured.

38. *HORIA*. Antennæ moniliform : feelers 4, thicker towards the tip : lip linear, rounded at the end.

- Testacea*. Rufous ; antennæ and legs black.
Inhabits *Tranquebar*. *Hybn. Naturf.* 25. *tab.* 2. *fig.* 14—17.
Body large cylindrical : male hind-thighs thicker and toothed.
- Dermeftide*. Testaceous ; eyes wings and breast black.
Inhabits *Europe*.
Lymexylon dermestoides. *Oliv. Ins.* 25. *t.* 1. *fig.* 1.

39. *CUCUJUS*. Antennæ filiform : feelers 4, equal, the last joint truncate and thicker : lip short bifid, the divisions linear and distant : body depressed.

- Depressus.* Thorax denticulate and with the shells red: legs simple black.
 Inhabits Germany. *Frisch. Inf. 12. tab. 7. fig. 1.*
Antennæ black hairy: head depressed with an obtuse angular globule each side: mouth and eyes black: shells rigid: body beneath and legs black.
- Sulcatus.* Thorax grooved; black; shells with crenate striæ.
 Inhabits Croatia, in rotten wood.
Antennæ short: head with 3 grooves, the middle one longer.
- Rufipes.* Thorax grooved: shells punctured: black: antennæ and legs ferruginous.
 Inhabits Barbary. in wood; large.
Antennæ pale-ash, the first joint black: head punctured: thorax narrowed behind, with 3 grooves: shells impressed with numerous dots: abdomen piceous: legs ferruginous.
- Caeruleus.* Thorax grooved: black: shells striate blue: abdomen rufous.
 Inhabits Germany. *Tenebrio depressus. Linn. Syst. Nat.*
 Head black: mouth piceous: shells striate polished.
- Festivus.* Thorax grooved: black; shells striate blue: edge of the abdomen and flanks rufous.
 Inhabits Germany; about half as large as the last.
 Thorax 2-grooved, or rather impressed each side.
- Castaneus.* Thorax grooved: black; striate shells margin of the abdomen and legs testaceous.
 Inhabits Germany; probably a variety of the last.
- Dubius.* Thorax denticulate; rufous; shells black: antennæ as long as the body.
 Inhabits North America.
Antennæ flexuous the last joint acute: shells striate.
- **Flavipes.* Thorax denticulate black: legs yellowish: antennæ as long as the body.
 Inhabits Europe. *Cerambyx planatus. Linn. Syst. Nat.*
Antennæ brown: head black: mouth yellowish: thorax denticulate grooved: shells smooth brown.
- **Pallens.* Thorax ferrate dusky: shells striate: abdomen and legs testaceous.
 Inhabits Europe; very much resembles the last.
Antennæ as long as the body: shells testaceous.

- Dermesloides* Thorax grooved: brown; shells smooth testaceous.
Inhabits Germany; small.
Antennae short: *body* brown: *shells* with 2 grooves.
- Testaceus*. Thorax nearly square, unarmed: body testaceous: thighs compressed.
Found under the bark of the Birch-tree.
Antennae nearly as long as the body: *body* long: *legs* short.
- Muticus*. Thorax unarmed black, with an impressed dot each side: shells striate brown.
Inhabits Germany.
Antennae shorter than the *body*: *shells* filiform: *legs* simple.
- Monilis*. Thorax unarmed with a ferruginous margin: body black: shells with a ferruginous spot.
Inhabits Germany.
Antennae short moniliform: *body* beneath dull ferruginous.

40. CANTHARIS. *Antennae* filiform: *thorax* (mostly) margined, shorter than the head: *shells* flexile: sides of the *abdomen* edged with folded papillae.

This is an extremely rapacious genus, preying on other insects and even on its own tribe; those of the division *Lymexylon* only, both in the grub and perfect state, feed on green wood.

A. *Feelers* 4, hatchet-shaped.

- * *Fusca*. Thorax red with a black spot: shells brown.
Telephorus fuscus. Oliv. Ins. 26. tab. 1. fig. 1.
Inhabits Europe; devours its own species.
- * *Livida*. Body entirely testaceous.
Telephorus lividus. Oliv. Ins. 26. tab. 2. fig. 8.
Inhabits Europe and North America.
- Dispar*. Brown; thorax thighs and tail rufous.
Inhabits Germany; resembles *C. fusca*.
Head rufous with a brown dot in the middle: *antennae* brown, rufous at the base: the other *sex* has the shells livid.

Analiz.

- Analís.* Body black: thorax and tail fulvous.
 Inhabits *Hungary*; size of *C. fulca*.
 Head with a small impressed dot: shells smooth.
- Viridescens.* Thorax testaceous with a black spot: shells green: antennæ and legs testaceous.
 Inhabits the *Cape of good hope*.
 Thorax with a black palmate spot in the middle and 2 small marginal dots each side: shells hardly striate: breast brown.
- *Obscura.* Edges of the thorax red: body black.
 Inhabits *Europe*. *Oliv. Ins.* 26. tab. 2. fig. 10
 Margin of the thorax sometimes brown: legs sometimes red.
- Pellucida.* Thorax rufous: crown shells and hind-shanks brown.
 Inhabits *Germany*; size of the last.
 Antennæ black, ferruginous at the base: head ferruginous black behind: shells black: abdomen black, the edge and tail rufous: legs rufous.
- Limbata.* Front and margin of the shells rufous: body black.
 Inhabits *Jamaica*; middle-sized.
 Head rufous: crown black: thorax rufous: shells smooth black.
- *Lateralis.* Thorax red: body brown: shells yellowish on the outer margin.
 Inhabits *Europe*. *Oliv. Ins.* 26. tab. 3. fig. 17.
- Smaragdula.* Thorax yellow with a green spot: shells green polished.
 Inhabits *Brazil*. *Oliv. Ins.* 26. tab. 2. fig. 13.
 Head yellowish, black at the base: thorax with 2 dots each side: breast brown: abdomen and legs yellow.
- *Atra.* Body entirely black.
 Inhabits *Northern Europe*. *Oliv. Ins.* 26. tab. 1. fig. 3.
- Marginata.* Thorax and shells black edged with red.
 Inhabits *America*.
 Head black, the lateral margin and spot on the fore-part rufous: outer side of the thorax rufous: wings and legs black: thighs rufous.

2-maculata. Thorax ferruginous with a black spot: shells testaceous with a black spot at the tip.

Inhabits *North America.* Oliv. *Ins.* 26. tab. 2. fig. 11.

Antennæ black: *head* black: *jaws* yellowish at the base: *body* black: segments of the *abdomen* yellow at the tip.

Pallipes. Body black: shells pale tipped with brown.

Inhabits *Germany.* Oliv. *Ins.* 26. tab. 1. fig. 5.

Antennæ brown, pale at the base: shells glabrous: legs pale.

Cruentata. Thorax pale with an abbreviated black band on the forepart and spot in the middle: shells pale: tail and legs rufous.

Inhabits *Russia.* Cantharis hæmorrhoidalis. Fabricius.

Head black: *mouth* and base of the *antennæ* pale.

Pallida. Thorax black: shells and legs pale testaceous.

Inhabits *Germany.* Oliv. *Ins.* 26. tab. 2. fig. 9.

Head black: *antennæ* pale at the base: *body* black.

* *Ruficollis.* Black; thorax and abdomen rufous.

Inhabits *England.* Sulz. *Hist. Ins.* tab. 6. fig. 6.

Flavipes. Testaceous; head, spot in the middle of the thorax and lower half of the shells black.

Inhabits *China.* Oliv. *Ins.* 26. tab. 3. fig. 18.

Head black with a 3-toothed testaceous spot between the *antennæ*: *thorax* black, bordered with testaceous: shells glabrous, testaceous at the base, the tip black but edged with testaceous.

Melanocephala. Testaceous; head tips of the shells and shanks black.

Inhabits *Coromandel.* Oliv. *Ins.* 26. tab. 2. fig. 7.

Head and *antennæ* black: *abdomen* testaceous.

Fascialis. Shells testaceous with 3 blue bands.

Inhabits *East India.*

Head brassy-green: *antennæ* rufous: *thorax* rufous with a blue line down the middle: legs rufous.

2-punctata. Thorax with 2 black dots: shells testaceous tipped with black.

Inhabits *Germany.* Oliv. *Ins.* 26. tab. 3. fig. 16.

Head and *antennæ* black: *front* testaceous: *thorax* testaceous, the edges reflected: shells gold-velvety: legs testaceous, hind-joints black.

- Laeta*. Thorax fulvous: shells testaceous, black at the base and tip.
Inhabits *Italy*; about the size of *C. 2-punctata*.
Head black: *antennae* fulvous tip with black: *body* black: *legs* fulvous.
- Fulvicollis*. Thorax and legs fulvous: body black.
Telephorus thoracius. *Oliv. Ins. 26, tab. 1, fig. 2.*
Inhabits *Germany*; middle-sized.
Head black: *mouth* fulvous: *antennae* black: *shells* smooth black.
- Lineola*. Thorax fulvous with a black line down the middle: body black.
Inhabits *East India*: small.
- Nigripes*. Thorax rounded yellow: abdomen legs and tips of the shells black.
Inhabits *Northern Europe*.
Head yellow with a brown spot between the antennæ: *antennae* brown: *shells* pale testaceous tip with black: *abdomen* black.
- * *Melanura* Thorax rounded: body yellow: shells tip with black.
Inhabits *Europe*.
Telephorus melanurus. *Oliv. Ins. 26, tab. 3, fig. 21.*
Thorax with an impressed dot in the middle: *head* rarely black.
- Vittata*. Thorax rounded, yellow with 3 black dots: shells brown with a yellow margin and fillet.
Inhabits *Carolina*; middle-sized.
Head yellow: *antennae* tip with brown: *abdomen* brown: *legs* yellow.
- Nitidula*. Thorax rounded rufous: body black polished.
Inhabits *Germany*; resembles *C. fulvicollis*.
- Morio*. Thorax rounded: black; shells blue-black.
Inhabits *Germany*; size of *C. atra*: *thorax* not margined.
- * *Nigra*. Body black, pubescent.
Inhabits frequently on flowers in *Europe*.
- Fulicaria*. Thorax rufous with a black spot: shells black.
Inhabits *Germany*. *Oliv. Ins. 26, tab. 3, fig. 20.*
Body black except the edges of the *thorax* and abdominal folds.

* *Minima*.

- * *Minima*. Thorax rufous with a black spot: body brown: shells
tip with yellow.
Inhabits *Europe*.
Telephorus minimus. *Oliv. Ins.* 26. tab. 1. fig. 6.
- * *Testacea*. Thorax yellow with a black spot: body black: shells and
legs livid.
Inhabits *Europe*. *Oliv. Ins.* 26. tab. 3. fig. 19.
- * *Biguttata*. Thorax black in the middle: shells abbreviated black tip
with yellow.
Inhabits *Europe*. *Oliv. Ins.* 26. tab. 2. fig. 12.
- Cardiacæ*. Black; shells with a sanguineous dot at the tip: antennæ
pectinate.
Inhabits *Sweden*; small.
Antennæ of the male pectinate, of the female ferrate.
- Marginella*. Testaceous; abdomen edged with black: hind-part of the
head breast and eyes yellow.
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 631.
- Media*. Brown; thorax, head, base of the antennæ, edge and tip of
the abdomen and legs rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 632.
- Hæmatostoma*. Black; mouth and abdomen rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 633.
- Punctata*. Livid; eyes and trunk brown; segments of the abdomen
with a brown dot each side,
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 638.
- Dichroa*. Black; front, thorax, abdomen and legs rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 639.
- Multicolor*. Head black: front and thorax yellow: shells brown: abdo-
men and legs livid.
Inhabits *Europe*. *Mus. Lesk.* p. 29. n. 640.
- Livens*. Thorax with a black 3 lobed spot behind and 2 impressed
brown dots each side: head black behind: shells brown.
Inhabits out of *Europe*. *Mus. Lesk.* p. 30. n. 642.

Distincta. Black; jaws edges of the thorax and abdomen livid.
Inhabits *Europe*. *Mus. Lesc.* p. 30. n. 643.

Exusta. Brown; head and thorax black: shells testaceous, dull brown at the tip: antennæ and legs yellow.
Inhabits *Europe*. *Mus. Lesc.* p. 30. n. 644.

Rufa. Entirely rufous: sternum and wings black.
Inhabits *Europe*. *Fn. Suec.* 703.

Albicans. Thorax orbicular with a yellow margin: body black front yellow.
Inhabits *Germany*; size of a Louse. *Forskall*.

Canescens. Thorax yellow: sternum and shells dull cinereous.
Inhabits *Saxony*. *Schall. Aët. Hall.* 1. p. 302.

Coccinea. Thorax red with a black spot: body black: shells sanguineous.
Inhabits *Saxony*. *Schaller, Aët. Hall.* 1. p. 303.

Bicolor. Yellow; half of the shells blue.
Inhabits the *Cape of Good Hope*. *Thunb. Nov. Inf.* 4. p. 81.

Bilineata. Thorax yellow with a brown spot and 4 dots: shells yellow with a brown line.
Inhabits the *Cape of Good Hope*. *Thunb. Nov. Inf.* 4. p. 81.

Trilineata. Thorax yellow with 2 black spots: shells yellow with a black line and suture.
Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* 4. p. 82.

Altica. Thorax rufous: shells violet immaculate.
Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* 4. p. 82.

Oculata. Thorax yellow with 2 black dots: shells and body blue.
Inhabits——*Thunb. Nov. Inf.* 4. p. 83. Head and legs yellow.

Collaris. Thorax sanguineous with a black spot: shells blue.
Inhabits——*Thunb. Nov. Inf.* 4. p. 83. Black.

Cuprea. Body above brassy, beneath blue.
Inhabits——*Thunb. Nov. Inf.* 4. p. 83.

- Argentea*. Thorax flat and with the shells green: abdomen silky-silvery.
Inhabits the Cape of Good Hope. *Thunb. Nov. Inf.* 4. p. 84.
Head black: tail and legs yellow: tarsi brown.
- Lanthina*. Thorax yellow with a brown spot and 4 dots: shells green.
Inhabits the Cape of good Hope. *Thunb. Nov. Inf.* 4. p. 84.
Antennae yellow, the 3. last joints brown: spot on the thorax bifid behind, inclosing a black dot.
Breast and eyes black: head, antennae, abdomen and legs yellow.
- Americana*. Thorax yellow with a black spot: shells with an oblong black spot at the tip occupying the fourth part.
Inhabits New York. *Forst. Nov. Inf.* 1. p. 50. n. 50.
Size of *C. fusca*. Body black: antennae brown.
- Rufipes*. Head and thorax red immaculate: legs fulvous, the hind-ones black at the end.
Inhabits Berlin. *Herbst. Arch. Inf.* 5. p. 107. n. 2.
- Berolinensis*. Black; base of the antennae and shells yellowish; the latter tipped with black: legs ferruginous.
Inhabits Berlin. *Herbst. Arch.* 5. p. 108. n. 10.
- Fulva*. Fulvous; head, shells and half the antennae black.
Inhabits Berlin. *Herbst. Arch.* 5. p. 108. n. 11.
- Serrata*. Yellowish; shells striate, with 3 black bands: antennae ferrate.
Inhabits America. Antennae ferrate as long as the body.
- Tropica*. Thorax red at the sides: shells black with a white band: antennae pectinate.
Inhabits South America. *Gron. Zooph. tab.* 14. fig. 7.
- Sonchi*. Black; shells with a white fringe and intermediate longitudinal line.
Inhabits Siberia. *Lepech. It.* p. 264.
- Caspica*. Green; shells with 2 yellow rhombic spots at the tip.
Inhabits near the Caspian Sea. *Lepech. It.* 1. tab. 16. fig. 11.

Flaveola. Beneath yellow: head and antennæ black: thorax ferruginous with 2 brown spots: shells yellowish-brown: tip with yellow.

Inhabits Berlin. *Herbst. Arch.* 7. p. 171. n. 12.

Violacea. Violet; thorax roundish: antennæ pectinate: fore-thighs very thick and toothed.

Inhabits Guinea. Tail and legs ferruginous.

Lepturoides. Pale yellow; thorax convex: tip of the shells and body black.

Inhabits the Cape of good hope. *Thunb. Nov. Inf.* 4. p. 81.

Hifirio. Black; thorax, base of the antennæ, hinder base of the segments of the abdomen and legs yellow: thorax with a brown spot.

Inhabits Europe. *Mus. Lesh.* p. 30. n. 645.

Picea. Piceous; thorax with a red spot each side behind: base of the antennæ and legs yellow: thighs black at the base.

Inhabits Europe. *Mus. Lesh.* p. 30. n. 646.

Chalybea. Black-violet, pubescent.

Inhabits Europe. *Mus. Lesh.* p. 30. n. 688.

Tricolor. Black; half the shells black, white towards the tip, the very tip and joints pale yellow.

Inhabits Europe. *Mus. Lesh.* p. 30. n. 649.

B. *Feelers filiform, the last joint setaceous.* Malachius.

Enca. Bright green; shells red on the outer sides: thorax with a small red spot each side.

Inhabits Europe. *Donovan's Eng. Ins.* iii. plate 96. fig. 2.

At the base of the abdomen each side are 2 sanguineous obtuse tentacula connected at the base, and 2 others at the tip of the thorax.

pustulata Brassy-green: shells red at the tip.

Inhabits Europe. *Oliv. Ins.* 27. tab. 1. fig. 1.

Sanguineus.

Sanguineus. Brassy ; mouth, border of the thorax and shells sanguineous.
Inhabits *Paris*. *Malachius rufus*. *Oliv. Ins. 27. tab. 1. fig. 4.*
Antennæ black : *body* black : segments of the *abdomen* at the edge
and base beneath red : *legs* black : *tarsi* reddish.

Marga. Green bronzed : edge of the thorax and tips of the shells
rufous.
Inhabits *Paris*.
Malach. marginellus. *Oliv. Ins. 27. tab. 3. fig. 18.*

Viridis. Brassy-green : mouth yellowish.
Inhabits *Norway*. *Oliv. Ins. 27. tab. 3. fig. 14.*
Body beneath darker : abdominal *tentacula* red.

Sanguinolentus. Black bronzed : edge of the thorax and shells sanguineous.
Inhabits *Germany*. *Oliv. Ins. 27. tab. 3. fig. 13.*
Half the size of the former ones : *abdomen* and *legs* black.

Helwigii. Black ; thorax and tips of the shells red.
Inhabits *Germany*.
Malach. ruficollis. *Oliv. Ins. 27. tab. 2. fig. 9.*
Antennæ black, rufous at the base except the first joint : *shells*
sanguineous immaculate : *abdomen* and *legs* black.

Cyanea. Blue ; thorax and abdomen red.
Inhabits *Spain*, on umbellate flowers.

Viridipennis. Pubescent, rufous : shells and breast brassy-green..
Inhabits the *Cape of good hope*.. *Fabricius. Append. 444.*
Head rufous : *thorax* with a dusky spot in the middle.

Angulata. Black, polished : border of the thorax and fore-shanks
rufous.
Inhabits *Germany*, Small.
Antennæ rufous at the base : *head* black, of the *male* with a large
rufous spot on the front.

Praeusta. Blackish ; hind-part of the shells and legs yellowish.
Inhabits *Saxony* : small, gibbous.

* *Pedicularia*. Black ; shells tipped with red.
Inhabits *Europe*, small. *Oliv. Ins. 27. tab. 1. fig. 3.*

Pulicaria. Black ; margin of the thorax and tip of the shells red.
Inhabits *Germany*. *Oliv. Ins. 27. tab. 1. fig. 5.*
Resembles the last, of which it may be only a variety.

* *Fasciata*

* *Fasciata*. Shells black with 2 rufous bands.

Inhabits *Europe*. *Oliv. Ins.* 27. *tab.* 1. *fig.* 2.

Equestris. Brassy-green; shells red with a brassy-green band.

Inhabits *Italy*. *Oliv. Ins.* 27. *tab.* 2. *fig.* 11.

Flavipes. Black; base of the antennæ and shanks yellow.

Inhabits *Saxony*. *Oliv. Ins.* 27. *tab.* 3. *fig.* 2. 19.

Body small black; legs yellow: thighs black.

Albifrons. Black; head, fore-part of the thorax and tip of the shells white.

Inhabits *Paris*. *Oliv. Ins.* 27. *tab.* 3. *fig.* 16. Small.

Antennæ whitish brown at the base: legs pale.

Nitidula. Brassy-green; shells blue tipped with yellow: antennæ and legs yellow.

Inhabits *Barbary*; small.

Chrysomeloides. Thorax red immarginate: shells blue smooth: antennæ and legs black.

Inhabits *France*. *Thunb. Aët. Ups.* 4. *p.* 17. *n.* 30.

Caerulocéphala. Thorax red immarginate: shells brown: head red on the fore-part, behind black-blue.

Inhabits *Germany*. *Thunb. Aët. Ups.* 4. *p.* 18. *n.* 31.

Suecica. Thorax yellow immarginate, with 2 black dots: shells yellowish tipped with black.

Inhabits *Sweden*. *Thunb. Aët. Ups.* 4. *p.* 18. *n.* 32.

This and the 2 preceeding ones are probably not of this division.

Herbstii. Shells red with a blackish spot.

Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. *p.* 108. *n.* 4.

Erythromelas. Black; edge of the thorax and shells red: 3 segments of the abdomen fulvous at the edge.

Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. *p.* 108. *n.* 5.

C. Fore-feelers projecting, the last joint but one with a large ovate cleft appendage, the last joint ovate acute.
Lymexylon.

Abbreviata Black; thorax with a yellow dorsal line: shells very short, vaulted,

Inhabits *Sierra Leona*.

Antennæ short, thicker in the middle: *wings* whitish with brown veins and shorter than the body: *abdomen* long flat, the last segment ferruginous at the edge: *legs* black, testaceous at the ends.

Proboscidea. Black; shells testaceous tip with black.

Inhabits *Germany*. *Oliv. Ins.* 25. *tab.* 1. *fig.* 5.

Head and *thorax* depressed: *abdomen* black tip with testaceous.

Barbata: Brown; antennæ and shanks piceous.

Inhabits *Germany*. *Oliv. Ins.* 25. *tab.* 1. *fig.* 3.

Body brown covered with glossy down of a changeable golden hue: *antennæ* and *legs* paler.

• *Navalis*. Pale yellow; head and margin and tip of the shells black.

Inhabits *Europe*. *Oliv. Ins.* 25. *tab.* 1. *fig.* 4.

Found in the oak plant, to which it is very destructive.

Varies in having the *shells* rarely entirely black.

Hybneri. Black; base of the shells tip of the abdomen and legs yellow.

Inhabits *Saxony*. *Lymexylon flavipes*. *Fabricius*.

Shells black, the future yellow at the base: *female* much longer than the *male*.

Maura. Black; 4-fore-legs yellow.

Inhabits *Germany*. *Lymexylon morio*. *Fabricius*.

The *female* is 3 times as large as the *male*.

41. SERROPALPUS. *Antennæ* setaceous: *feelers* 4, unequal: the anterior ones longer deeply ferrate, composed of 4 joints, the last joint very large truncate compressed patelliform; the posterior ones subclavate: *thorax* margined, concealing the head, with a prominent angle each side: *head* deflected: *feet* formed for digging.

Strialis.

Striatus. Body brown; shells striate.
 Inhabits the *Island Ru sale*.
Stockh. Trans. 1786. tab. 8. fig. 3—5.
 Found on old wooden buildings in the evening in Autumn, and is about the size of *Elater aterrimus*.

Laevigatus. Body black: shells smooth.
 Inhabits *Europe*. *Stockh. Trans.* 1786. 4. p. 280.

42. ELATER. *Antennæ* filiform, lodged in a groove under the head and thorax: under side of the *thorax* terminating in an elastic spine, placed in a cavity of the abdomen; by which means the body, when placed on the back, springs up and recovers its natural posture.

A. *Feelers* hatchet-shaped.

Flabellicornis. Brown; antennæ with a fan-shaped tuft of 8 large black leaves.

Inhabits *India*. *Oliv. Ins.* 31. tab. 3. fig. 28. Very large.

Fascicularis Thorax mouse-colour: shells pale with waved brown streaks: antennæ with a fan-shaped tuft.

Inhabits *America*. *Oliv. Ins.* 31. tab. 5. fig. 56.

Antennæ black: shells striate: body mouse-colour: legs piccous.

Speciosus. White spotted with black.
 Inhabits *India*. *Oliv. Ins.* 31. tab. 7. fig. 70.
Antennæ short black.

Luridus. Downy cinereous: shells substriate: ends of the legs black.
 Inhabits *Coromandel*. *Oliv. Ins.* 31. tab. 5. fig. 57.
 Body large: thorax punctured.

Foveatus. Black; thorax with 2 impressed white dots: shells striate.
 Inhabits *Guinea*; legs brown.

Oculatus. Thorax with 2 black ocellate spots: body black spotted with white.

Inhabits *North America*. *Oliv. Ins.* 31. tab. 3. fig. 34.

Luscus.

Luscus. Thorax with 2 black ocellate spots: body black immaculate.

Inhabits *America*. *Oliv. Ins.* 31. tab. 6. fig. 64.

Cæcus. Black; thorax with 2 ocellate spots; shells with 2 arched streaks and a ferruginous dot behind.

Inhabits *Africa*.

Thorax with a large oblong ferruginous ring each side: shells smooth, one of the arches turned upwards the other downwards.

Lineatus. Black; thorax and shells with rufous lines

Inhabits *Brasil*. *Oliv. Ins.* 31. tab. 6. fig. 63. Large:

Noctilucus. Sides of the thorax with a glabrous yellow spot.

Inhabits *South America*. *Oliv. Ins.* 31. tab. 2. fig. 14.

This insect with several others of its genus affords a strong phosphoric light in the night time, the streams of which are so strong, that a person may see to read the smallest print: when placed on its back will spring 4 or 5 inches from the level on which it is put, to recover its natural position.

Phosphoreus Thorax with 2 yellow spots behind.

Inhabits *South America*. *Oliv. Ins.* 31. tab. 2. fig. 20

Ignitus. Brown; thorax black with a yellow margin.

Inhabits *Cayenne*. *Oliv. Ins.* 31. tab. 8. fig. 78.

Fuscipes. Black; antennæ and legs brown.

Inhabits *East India*. *Oliv. Ins.* 71. tab. 3. fig. 21.

Body very large: shells striate.

4-maculatus. Cinereous; thorax with 4 black dots, shells with 2.

Inhabits *Africa*. *Oliv. Ins.* 31. tab. 8. fig. 79.

Antennæ and scutell black.

Rubiginosus Blackish spotted with grey: large spot on the shells and border of the thorax pale.

Inhabits *Sierra Leona*, in *Africa*.

Head black: front dull ferruginous: thorax with a black dorsal line, the edge reddish: shells black speckled with grey, at the base is a large ferruginous dot and behind a large pale spot nearly forming a band: breast black, the sides a little rusty-colour: abdomen black, 3 of the segments at the base with each side a rusty spot and a white marginal dot: legs black.

Ligneus. Ferruginous; shells mucronate: antennæ black.

Inhabits *South America*. *Oliv. Ins.* 31. tab. 2. fig. 15.

- Rufus.* Ferruginous; head and thorax darker.
Inhabits *Germany*; size of *E. ferrugineus*.
Head brown, retuse on the fore-part: *antennae* ferruginous: *thorax* brown, ferruginous at the sides: *shells* striate.
- * *Ferrugineus.* Thorax and shells ferruginous: body and hind margin of the thorax black.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 3. fig. 35.
- Porcatus.* Brassy-green; shells with villous white grooves.
Inhabits *South America*. *Oliv. Ins.* 31. tab. 7. fig. 74.
Suture of the *shells* black polished.
- Sulcatus.* Covered with whitish down; shells with 3 raised black glabrous lines.
Inhabits *South America*. *Oliv. Ins.* 31. tab. 2. fig. 10.
Very much resembles the last. Head black: *thorax* blackish on the fore-part: suture of the *breast* black glabrous: *body* somewhat downy.
- Virens.* Body downy, blackish-green: *antennæ* black.
Inhabits *American Islands*. *Oliv. Ins.* 31. tab. 2. fig. 19.
Body immaculate: *shells* striate.
- Fulgens.* Blue polished, beneath coppery: shells pointed.
Inhabits *India*. *Oliv. Ins.* 31. tab. 4. fig. 43. Large.
Head brassy-green polished: *antennæ* black: *thorax* blue, bronzed at the sides: *shells* smooth, very much pointed at the ends: *body* coppery: *legs* brown.
- Inæquatus.* Black-blue: *thorax* uneven: shells striate red.
Inhabits *Italy*; something larger than *El. aterrimus*.
Antennæ black: *thorax* channelled: *scutel* dusky.
- * *Aterrimus.* Thorax black polished: shells striate black-brown.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 5. fig. 53.
- * *Niger.* Black-brown, opaque: shells striate: *antennæ* and legs the same colour.
Inhabit *Europe*. *Oliv. Ins.* 31. tab. 6. fig. 65.
- * *Murinus.* Thorax dull cinereous: shells clouded with cinereous: ends of the legs rufous,
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 2. fig. 9.
- Holosericeus.* Dusky; *thorax* and shells clouded with cinereous and brown and somewhat silky.
Inhabits *Germany*. *Oliv. Ins.* 31. tab. 3. fig. 33.
Resembles *El. marinus* but is less. *Body* black.

Tessellatus.

- *Tessellatus*. Shells brassy with crowded paler spots: claws red.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 3. fig. 22.
- *Fasciatus*. Thorax varied with black and pale: shells blackish with an undulate white band.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 5. fig. 46.
- Varius*. Black; edge of the thorax band on the hind-part of the shells and base yellowish downy.
Inhabits *Paris*. *Oliv. Ins.* 31. tab. 3. fig. 36.
About half the size of *El. fasciatus*: head black: antennæ dull ferruginous: thorax channelled, the sides covered with thick yellowish hair: body black: legs dull ferruginous.
- *Aeneus*. Thorax and shells brassy: antennæ black simple.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 8. fig. 83.
- *Germanus*. Thorax and shells black-blue: body and legs black.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 2. fig. 12.
This is regarded by *Fabricius* as a mere variety of the last.
- Impressus*. Pubescent, black, thorax with an impressed dorsal line and 2 dots: shells striate shining brassy.
Inhabits *Sweden*; more oblong than the last.
Scutel retuse: shells bronzed glossy: body black.
- *Pectinicornis*. Thorax and shells brassy: antennæ of the male pectinate.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 2. fig. 9.
Body brownish-green with a coppery tinge: shells with each 9 striae.
- Furcatus*. Thorax ferruginous with a black dorsal line: shells tapering, testaceous with 5 black striae: head forked.
Inhabits *India*; middle sized.
Head ferruginous: lip forked or bifid, the divisions projecting and pointed: thorax smooth polished: shells striate punctured, the margin yellow at the base: body yellow.
- Suturalis*. Thorax 1-toothed each side, ferruginous with a black dorsal line: shells testaceous with 3 black fillets.
Inhabits *Senegal*. *Oliv. Ins.* 31. tab. 1. fig. 3.
Head black: lip forked, the divisions pointed: shells substriate tapering, with a small impressed dot at the base, the tip very much pointed: abdomen testaceous with a black fillet each side meeting behind: scutel black.

Germanicus Brown ; fillet on the shells and legs testaceous.

Inhabits *Germany* ; *Elater vittatus*. *Fabricius*.

Antennæ piceous : *head* and *thorax* subvillous : *shells* brown with a broad nearly obsolete dull testaceous band in the middle : *abdomen* ferruginous.

**Cupreus*. Coppery ; shells yellow on the upper half.

Inhabits *England*. *Oliv. Ins.* 31. *tab.* 5. *fig.* 50.

Antennæ pectinate black : *shells* striate, testaceous at the base and coppery at the tip.

**Cruciatus*. Thorax black with ferruginous sides : shells yellow with a black edge and cross.

Inhabits *Europe*. *Oliv. Ins.* 31. *tab.* 4. *fig.* 40.

Syriacus. Thorax rufous : shells with a double white band : body black.

Inhabits the *East* ; rather small.

Shells with a white band at the base and another in the middle.

**Castaneus*. Thorax testaceous pubescent : shells yellow tipped with black : body black.

Inhabits *Europe*. *Oliv. Ins.* 31. *tab.* 3. *fig.* 25. *t.* 5. *f.* 51.

**Livens*. Black ; thorax red glabrous : shells testaceous.

Inhabits *Europe*. *Oliv. Ins.* 31. *tab.* 5. *fig.* 52.

**Mesomelas*. Thorax and margin of the shells ferruginous : body and shells black.

Inhabits *Europe*. *Oliv. Ins.* 31. *tab.* 5. *fig.* 54.

Hoppe. Enum. Insect. Erlang. p. 57. ascertains this to be the female of the last.

Larva filiform, 6-footed, with a horny shield at the tail toothed at the sides, and furnished beneath with a conic foot-like tubular tubercle.

Denticollis. Linear, black : thorax and shells rufous.

Inhabits *Germany*. *Fabricius. Append.* 451.

A little larger than *El. linearis* : *thorax* channelled in the middle, elongated each side behind into a tooth : *shells* striate : *body* black.

**Linearis*. Thorax rufous, brown in the middle : shells linear testaceous.

Inhabits *Europe*. *Oliv. Ins.* 31. *tab.* 7. *fig.* 67.

Head, body and scutellum black : *mouth* base of the *antennæ* and *shanks* pale.

Hoppe suspects this to be the same as *El. livens* or a mere variety.

* *Obscurus* :

- * *Obscurus*. Piceous; thorax and shells dull black.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 8. fig. 76.
- Flavipes*. Thorax dull black: shells striate brown: legs testaceous.
Inhabits *America*. *Oliv. Ins.* 31. tab. 2. fig. 17.
Resembles *El. obscurus* except in having its legs yellowish.
- Castanipes*. Brown with cinereous down: antennæ and shanks testaceous.
Inhabits *Guadeloupe*. *Elater castaneus. Fabricius.*
Body middle-sized: head, thorax and shells covered with hairs: shells striate.
- Maculatus*. Ferruginous; shells dotted with black.
Inhabits *South America*. *Oliv. Ins.* 31. tab. 2. fig. 18:
Antennae black: thorax ferruginous with a black triangular spot in the middle: shells ferruginous with 4 black dots: legs brown.
- Filiformis*. Brown-ash, immaculate.
Inhabits *Italy*. *Oliv. Ins.* 31. tab. 4. fig. 41.
Body filiform, about half the size of *Elater obscurus*.
- Tristis*. Thorax black polished: base of the shells and outer margin livid.
Inhabits *Europe*, in rotten wood. *Oliv. Ins.* 31. tab. 4. fig. 39.
- * *Margina-tus*. Thorax brown: shells testaceous edged round with black.
Inhabits *Europe*, on plants. *Oliv. Ins.* 31. tab. 3. fig. 29.
- * *Thoracicus*. Black; thorax entirely rufous.
Inhabits *England* and *France*. *Oliv. Ins.* 31. tab. 3. fig. 24.
- * *Ruficollis*. Black; thorax on the hind-part red, polished.
Inhabits *Europe*, in meadows. *Oliv. Ins.* 31. tab. 6. fig. 61.
- * *Brunneus*. Thorax rufous, black in the middle: shells and body ferruginous.
Inhabits *Europe*, on plants. *Oliv. Ins.* 31. tab. 3. fig. 30.
- Hæmatodes*. Black; thorax pubescent, fulvous: shells striate sanguineous.
Inhabits *Germany*. *Oliv. Ins.* 31. tab. 1. fig. 6.

* *Sanguineus*.

- *Sanguineus*. Black; shells striate sanguineous immaculate.

us.

Inhabits *Europe*, in gardens. *Oliv. Ins.* 31. tab. 1. fig. 7.

A larger variety is found with the *thorax* pubescent and more fulvous, the *shells* deeper coloured and marked with an obsolete black blotch at the base.

- Ephippium*. Black; shells striate, sanguineous with a common dorsal black spot.

Inhabits *Germany*, on decayed pines. *Oliv. Ins.* 31. t. 5. f. 48. b.

Resembles the last, but the *thorax* is covered with a black down.

- Præustus*. Black; shells striate, sanguineous tip with black.

Inhabits *Germany*, on decayed Fir trees.

- Testaceus*. Black; striate shells and legs testaceous.

Inhabits *Germany*, something larger than the next.

- *Balteatus*. Shells rufous on the first half: body black.

Inhabits *Europe*, in gardens. *Oliv. Ins.* 31. tab. 8. fig. 77.

- Lateralis*. Black, dusky: shells striate with an oblong marginal yellowish spot at the base.

Inhabits *Germany*. *Fabricius Append.* 452.

Body middle-sized: legs yellowish: thighs black.

- Elongatus*. Black; shells testaceous tip with black.

Inhabits *Austria*. *Oliv. Ins.* 31. tab. 6. fig. 58.

Shells striate punctured: legs testaceous at the ends.

- Melanocephalus*. Sanguineous; head thorax dorsal line on the shells and tips black.

Inhabits *Coromandel*. *Oliv. Ins.* 31. tab. 4. fig. 36.

Head and antennæ black immaculate: thorax smooth polished: sanguineous with a black dorsal line hardly reaching the base: shells striate punctured: body sanguineous: tip of the abdomen black: legs sanguineous.

- *Sputator*. Thorax blackish polished: shells brown: body black.

Inhabits *Europe*. *Donov. Eng. Ins.* iii. plate 96. fig. 4.

- Analus*. Black; shells tail and legs testaceous.

Inhabits *Germany*; size of *El. spinosus*.

Antennæ black, testaceous at the base: shells striate.

Elegans.

- Elegans.* Black; edges of the thorax and shells and fillet on the latter testaceous: legs testaceous.
Inhabits *South American Islands*.
Head black: *antennæ* testaceous: *thorax* black polished, the lateral and hind-margin testaceous: *body* piceous: *legs* pale testaceous.
- Varius.* Thorax brown dusky: shells striate testaceous.
Inhabits *Germany*. *Elater variabilis*. *Fabricius*.
Varies in having the *shells* sometimes brown.
- Pilosus.* Brown with cinereous down: shells striate.
Inhabits *Lusace*. *Lepech. It.* 1. p. 11. tab. A. fig. 1.
Body small, covered with thin cinereous down.
- Longicollis.* Downy, livid: thorax and shells more dusky.
Inhabits *France*. *Oliv. Ins.* 31. tab. 8 fig. 81.
Antennæ testaceous: *shells* with crenate striæ: *body* blackish: *breast* black each side.
- Pallipes.* Brown; shells striate: antennæ and legs yellow.
Inhabits *Tranquebar*, small.
- Striatus.* Black; shells brown with 4 pale lines.
Inhabits *Sweden*, *El. lineatus*. *Oliv. Ins.* 31. tab. 3. fig. 32.
Antennæ ferruginous: lines on the *shells* meeting at the tip.
- Rufipes.* Black; thorax polished: shells striate: legs rufous.
Inhabits *Saxony*. *Oliv. Ins.* 31. tab. 7. fig. 72.
Resembles the next, but the *legs* are rufous with black claws.
- Minutus.* Thorax black polished: shells and legs blackish.
Inhabits *Europe*. *Oliv. Ins.* 31. tab. 6. fig. 62.
- Pallens.* Black; striate shells and legs testaceous.
Inhabits *France*: size of *E. limbatus*, but the *shells* are immaculate.
Fore-edge of the *thorax* a little pale: *head* and *thorax* black polished.
- Limbatus.* Thorax black polished: shells testaceous with a black border.
Inhabits *Germany*. *Oliv. Ins.* 31. tab. 7. fig. 73.

- Riparius.* Brassy-black : shells striate : legs rufous.
Inhabits *Lapland*, on the banks of rivers and lakes.
- Advena.* Black ; striate shells and legs dull cinereous.
Inhabits *Spain* : small. *Shells* pointed : *abdomen* black.
- Nitidulus.* Shells striate, with 2 yellow spots : antennæ and legs yellow.
Inhabits *Cayenne* ; about a third part as large as *El. pulchellus*.
Head and *thorax* subpubescent black immaculate : *shells* black with 2 yellow spots, that at the base larger.
- *Pulchellus* Head and thorax black ; shells blackish with yellowish spots : legs yellow.
Inhabits *Europe*, in gardens. *Oliv. Ins.* 31. tab. 4. fig. 38.
- 2-guttatus.* Black ; shells striate with a rufous spot in the middle.
Inhabits the *South of France*. *Oliv. Ins.* 31. tab. 6. fig. 59.
Size of *E. pulchellus* : *shells* with a rufous spot in the middle at the margin.
- 2-maculatus* Black ; shells testaceous, the tip black with a white dot.
Inhabits the *South of France*. *Oliv. Ins.* 31. tab. 5. fig. 50.
Shells with a transverse black marginal spot, the tip widely black with a large distinct white dot.
- 3-maculatus* Black ; shells striate, testaceous with 3 black spots.
Inhabits *Saxony* ; size of *Elater pulchellus*.
Shells with a large common black spot at the base, and another in the middle at the outer margin which nearly touches the third : *body* black : *legs* yellowish.
- 4-maculatus* Above black ; border of the thorax and 2 spots on the shells testaceous.
Inhabits *Italy* : size of *Elater pulchellus*.
Head black : *antennæ* testaceous : *thorax* smooth, dull blackish in the middle and bordered with testaceous : *body* dusky : *breast*, *tail* and *legs* testaceous.
- Politus.* Black, polished : shells striate : fore-legs pale.
Inhabits the higher mountains of *Dablikarbia* ; very small.
- 6-guttatus.* Smooth, black : shells with 3 white dots.
Inhabits the *Cape*. *Thunb. Nov. Spec.* 3, 65. fig. 75.
Body very minute, black polished.

Buprestoides Cylindrical, black immaculate: head retracted.

Inhabits *Saxony*; middle-sized.

Head drawn in under the *thorax*: shells slightly striate.

Pygmaeus. Black, opake: shanks piceous.

Inhabits *Germany*, in decayed trees; very small.

Notatus.

Thorax rufous with 2 black dots: shells rufous at the base, the tip black with 2 white spots.

Inhabits *Coromandel*.

Head black: front with cinereous hairs: thorax rufous with 2 black spots on the fore-part surrounded with a downy cinereous ring: shells striate, rufous at the base, black beyond the middle with 2 transverse white spots: abdomen black with a cinereous gloss: thighs black, the shanks palish.

Festivus.

Thorax ferruginous: shells black with 2 yellowish bands.

Inhabits *Egypt*,. *Forst. Nov. Spec.* 3, 64. fig. 74. small.

Head brown: thorax reddish: shells striate.

2-pustulatus

Black, polished: shells with a red dot at the base.

Inhabits woods of *Germany*. *Oliv. Inf.* 31. tab. 2. fig. 13.

Varies in having the base of the shells sometimes red, but the future is always black.

4-pustulatus

Black; shells striate, with 2 testaceous dots.

Inhabits *Saxony*; very small.

Head and thorax black immaculate: body black: legs testaceous.

Striatulus.

Black, opake: shells striate, the striæ subpubescent: tail bearded with down.

Inhabits *Surinam*: *Elater striatus*. *Gmelin. p.* 1904.

Virescens.

Thorax green with a groove down the middle: shells yellow mucronate with a greenish-black oblong spot at the tip.

Inhabits *Austria*. *El. castaneus*. *Schrank. Inf. Aust. n.* 237.

Europæus.

Thorax and shells black-blue: body and legs black.

Inhabits *Europe*. *Sulz. Hist. Inf.. tab.* 6. fig. 8.

Is probably only a variety of *Elater æneus*.

Tetrastichon

Black spotted with yellow: shells with confluent spots: abdomen with 4 dots.

Inhabits *Africa*; middle-sized.

Densus. Testaceous; thorax and hind part of the shells with a branched black line.
Inhabits Ceylon. *Thunb. Nov. Inf. Spec.* 3. p. 64.

Clavicornis. Green; antennæ clavate.
Inhabits India. *Thunb. Nov. Spec.* 3. p. 65.
Body polished glabrous: probably not of this genus.

Ustulatus. Black; shells testaceous, brownish behind: antennæ and legs chestnut.
Inhabits———*Schæff. Icon. tab.* 199. fig. 8.

Giganteus. Depressed; shells brassy-green with a yellow spot: breast and abdomen yellow.
Inhabits America. *Schall. Act. Hall.* 1. p. 304. tab. 1. fig. 5.

Indicus. Black; thorax convex punctured with a fulvous margin sinuate in the middle: shells black striate punctured.
Inhabits America. *Herbst. Arch. Inf.* 5. v. 110. tab. 27. fig. 3.

Carbonarius. Black, scaly, with minute white specks between the scales: antennæ ferrate.
Inhabits Germany. *Herbst. Naturf.* 4. tab. 7. fig. 1.

Undulatus. Black waved with yellow and covered with shining down.
Inhabits Germany. *Schæff. Icon. tab.* 4. fig. 7.

Cæruleus. Steel-blue: antennæ black simple: legs black-brown.
Inhabits Berlin. *Herbst. Arch. Inf.* 5. p. 111. n. 10.

Sanguinolentus. Black; shells sanguineous with black inner margin and a large ovate common spot.
Inhabits Germany. *Herbst. Arch. Inf.* 5. p. 112. n. 24. tab. 27. fig. 9.

Purpureus. Black-brown; thorax black with a thin purple down: shells purple with 2 raised lines.
Inhabits Austria. *Herbst. Arch. Inf.* 5. tab. 27. fig. 10.

Quercinus. Brown; head and thorax granulate, with undulate yellow down: shells with a yellow villous band.
Inhabits Hungary and Germany. *Herbst. Arch. tab.* 27. fig. 11.

Erythropus.

- Erythropus*. Black; shells with yellowish down, striate punctured: legs and joints of the legs tawny.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. tab. 27. fig. 12.
- Hirtus*. Shining-black, pubescent: thorax punctured: shells striate.
Inhabits *Germany*. *Herbst. Arch.* 5. p. 114. n. 30.
- Vulgaris*. Black; shells brown striate punctured, the suture black: legs pale.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 114. n. 32.
- Griseus*. Dull grey; thorax convex: shells striate punctured, beneath black: antennæ and legs brown.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 114. n. 34.
- Cinereus*. Black, with hoary down: thorax convex: tarsi ferruginous.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 114. n. 35.
- Equiseti*. Black; thorax convex: shells striate: legs yellowish.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 114. n. 36.
- Pulverulentus*. Black minutely speckled with greenish-gold: shells striate: shanks with crisp hair within.
Inhabits *America*; large. *Herbst. Arch.* 7. tab. 48. fig. 1.
- Socialis*. Brown; antennæ and edges of the shells ferruginous.
Inhabits *Portugal*; about the size of *Elater pecticornis*.
- Serraticornis*. Brown; abdomen above and legs fulvous.
Inhabits *Italy*. *Scopol. Ent. Carn.* n. 280.
- Montanus*. Subvillous, shining black; base of the antennæ and shanks fulvous.
Inhabits alpine parts of *Italy*. *Scopol. Ent. Carn.* n. 283.
- Deniger*. Black with gold dots: thorax toothed behind.
Inhabits *Italy*. *Scopol. Ent. Carn.* n. 292.
- Subfuscus*. Black; shells brown: abdomen red.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 59. n. 538.
- Seelandicus*. Purple bronzed, with grey down: shells striate punctured clouded.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 61, n. 550.

- 6-maculatus* Black with grey down: edge of the thorax and shells testaceous, the latter with 6 brownish glabrous spots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 60. n. 544.
- Obtus.* Body obtuse, beneath black: thorax black: shells brown with grey down: antennæ rufous.
Inhabits *Europe*. *Degeer. Ins.* 4. p. 147. tab. 5. fig. 19.
- Pullus.* Black, polished, pubescent: shells punctured: legs chestnut-brown.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 59. n. 537.
- Chrysomelinus.* Black; thorax red, grooved: shells and tarsi yellow.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 60. n. 539.
- Lugubris.* Above deep black opaque: beneath dark brown.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 60. n. 545.
- Mulleri.* Rufous, pubescent: legs pale yellow.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 61. n. 551.
- Tuberculosus.* Black, opaque: thorax with 2 tubercles: shells finely striate, with ferruginous dots.
Inhabits *Denmark*. *Pontopp. Hist. Dan.* tab. 16.
- Gracilis.* Testaceous; head and thorax with a black line and a lateral spot: shells smooth edged with black.
Inhabits *America*. *Gronov. Mus.* 1. p. 135. n. 478.
- Guineensis.* Green bronzed: thorax subpubescent: antennæ black: shells striate.
Inhabits *Guinea*. *Gronov. Mus.* 2. p. 153. n. 476.
- Fimbriatus.* Black; thorax edged with red: shells with 2 yellow interrupted lines at the suture.
Inhabits the *Desert Ural*. *Lepech. It.* 1. tab. 16. fig. 12.
- Auratus.* Green-gold: legs black.
Inhabits *China*. *Drury Inf.* 2. tab. 35. fig. 3.
- Nisus.* Black; shells yellow.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 131. n. 3.

- Vittatus.* Black ; shells brown with a longitudinal fulvous stripe.
Inhabits France. Geoffr. *Ins. par.* 1. p. 135. n. 11.
- Melanophthalmos.* Rufous ; eyes black.
Inhabits Sweden. Degeer. *Ins.* 4. p. 144. tab. 5. fig. 18.
- Major.* Black-brown, polished ; legs chestnut-brown : abdomen above reddish.
Inhabits Europe, large. Degeer. *Ins.* 4. p. 146. n. 3.
- Minor.* Elongated : head and thorax black : shells antennæ and legs brown.
Inhabits Europe, small. Degeer. *Ins.* 4. p. 147. n. 4.
- Inæqualis.* Black with grey villous spots : shells rough : thorax with impressed cavities.
Inhabits Europe, large. Degeer. *Ins.* 4. p. 148. n. 6.
- Undatus.* Grey-mouse-colour villous : shells with 3 undulate black bands.
Inhabits Europe. Degeer. *Ins.* 4. p. 155. tab. 5. fig. 26.
- Maculosus.* Head black : thorax rufous with 3 oblong black spots : shells brownish.
Inhabits Europe. Degeer. *Ins.* 4. p. 158. n. 19.
- Nitidus.* Black-green bronzed : legs black,
Inhabits Europe. Small. Degeer. *Ins.* 4. p. 159. n. 21.
- Piceus.* Entirely black polished : shells very smooth.
Inhabits Pennsylvania. Degeer. *Ins.* 4. p. 162. tab. 18. fig. 3.
- Lividus.* Pale reddish-brown : antennæ rufous : legs yellow-testaceous.
Inhabits Pennsylvania. Degeer. *Ins.* 4. p. 163. tab. 18. fig. 4.
- Ochropus.* Black-brown : legs and antennæ yellow-testaceous.
Inhabits Surinam. Degeer. *Ins.* 4. p. 163. tab. 18. fig. 5.
- Punctulatus.* Dull testaceous : fore-part of the thorax black : shells with 2 irregular black spots.
Elater maculatus. Degeer. *Ins.* 4. p. 163. tab. 18. fig. 6.
Inhabits Surinam ; about 3 lines long.
- Segetis.* Black ; antennæ and tarsi brown : shells with black and brown longitudinal lines.
Inhabits Sweden. Aët. Holm. 1779. p. 254. tab. 10. fig. 1—3.
The larva is very destructive to the roots of corn.

- Dubius.* Green bronzed: thorax and legs black.
Inhabits *Bohemia*. *Aët. Bohem.* 4. p. 183.
About the size of a grain of rice: a doubtful species.
- Punctatus.* Elongated, brown. thorax punctured: shells with crenate striæ; mouth and legs ferruginous.
Inhabits *Europe*. *Mus. Lesh.* p. 31. n. 671.
- Dichrous.* Black; thorax with a longitudinal line: shells grooved at the base, flattened towards the tip: shanks ferruginous.
Inhabits *Europe*. *Mus. Lesh.* p. 31. n. 673.
- Pubescens.* Piceous, pubescent: shells striate: ends of the legs ferruginous.
Inhabits *Europe*. *Mus. Lesh.* p. 31. n. 674.
- Villosus.* Brown with cinereous down: shells finely striate: antennæ and legs reddish.
Inhabits *Europe*. *Mus. Lesh.* p. 31. n. 682.
- Crenatus.* Black; shells with crenate striæ and dotted: legs testaceous.
Inhabits *Europe*. *Mus. Lesh.* p. 31. n. 683.
- Ambiguus.* Black; shells red-testaceous striate: ends of the legs testaceous.
Inhabits *Europe*. *Mus. Lesh.* p. 32. n. 688.
- Lineolatus.* Black; thorax with a longitudinal line; shells with crenate striæ
Inhabits *Europe*. *Mus. Lesh.* p. 32. n. 689.
- Longicornis.* Black; shells obsoletely striate; antennæ long.
Inhabits *Europe*. *Mus. Lesh.* p. 32. n. 690.
- Concolor.* Brown; thorax punctured: shells finely striate: antennæ and legs rufous brown.
Inhabits *Europe*. *Mus. Lesh.* p. 32. n. 691.
- Varianus.* Brown with yellow down: legs rufous: shells finely striate, with brown spots, which in some points of light are invisible.
Inhabits *Europe*. *Mus. Lesh.* p. 32. n. 693.

Rubiginus.

- Rubiginus*. Ferruginous : thorax brown punctured : shells with crenate striae.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 694.
- Villosus*. Rusty-brown with grey down : thorax and breast brown : shells finely striate.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 695.
- Tricolor*. Ferruginous ; head and thorax brown : outer edges of the latter, striate punctured shells, antennæ and legs testaceous.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 696.
- Hæmopterus*. Black ; shells sanguineous with an oblong common piceous spot on the suture.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 697.
- Crassipes*. Black ; shells finely striate : thighs thick.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 699.
- Acupunctatus*. Testaceous ; thorax brownish on the back ; shells striate, the striae with distinct impressed dots.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 701.
- Gibbus*. Brown with grey down : finely striate shells and thorax gibbous : antennæ and legs rusty brown.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 698.
- Pubes*. Black, pubescent : shells striate.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 702. 703.
- Cinereascens*. Testaceous with cinereous down : thorax brownish : legs rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 704.
- Bicolor*. Rusty-brown : head and thorax brown ; shells striate.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 705.
- Quadrifolcus*. Black ; shells obsoletely striate with 4 impressed grooves at the base : long antennæ, shanks and ends of the fore-legs rusty-brown.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 706.
- Strigosus*. Brown-testaceous : shells striate : legs testaceous.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 708.

- Suturalis*. Brown; edge of the thorax ferruginous: shells testaceous with a brown future.
Inhabits *Europe*. *Mus. Lesk.* p. 32. n. 711.
- Dentatus*. Thorax black with a red spot each side and red teeth: shells testaceous, the outer margin black.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 713.
- Capucinus*. Black; shells, fore-legs and shanks testaceous.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 718.
2. Shells brownish at the tip: legs testaceous.
Mus. Lesk. p. 33. n. 714.
- Gibbosus*. Testaceous: thorax gibbous dusky: shells striate,
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 720.
- Sericinus*. Mouse-colour; thorax gibbous: shells testaceous; antennæ and legs ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 721.
- Erythropus*. Black: shells striate: shanks rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 723.
2 Shells and shanks pale rufous. *Mus. Lesk.* p. 33. n. 722.
- Funereus*. Testaceous: shells striate: head brown.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 724.
- Chalybeus*. Brassy-black, polished: base of the fore-thighs and shanks rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 725.
- Obscurus*. Ferruginous; head and thorax brown: the latter on the hind-part, shells and legs testaceous.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 726.
- Fuliginosus*. Piceous, pubescent: antennæ legs and shells testaceous, the latter edged with brown.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 728.
- Puillus*. Chestnut-brown: 3 last joints of the antennæ lamellate: shells finely striate, pubescent.
Inhabits *Europe*. *Mus. Lesk.* p. 33. n. 730.
- Limbellus*. Thorax dirty yellow, brown on the disk: shells striate, black brown with a yellow edge all round.
Inhabits the *Cape of Good Hope*.
Stock. Trans. 1787. 3. n. 323.

B. Feelers clavate, the club round. Parnus.

- **Dermestoi-* Grey, hairy : antennæ with appendages.
des. Inhabits Europe. Parnus prolifericornis. Fabricius.
 Body small : antennæ with a yellowish appendage.

Acuminatus Dusky ; shells pointed testaceous.

Inhabits Saxony. Parnus acuminatus. Fabricius.

Antennæ short, the first joint larger incurved villous, the second thick globular, the rest very short : *head* black : *thorax* black with an impressed dot behind : *shells* striate black pointed at the tip : *body* beneath mouse-colour clothed with cinereous hairs : *legs* testaceous, the joints black.

Obscurus. Black ; margin of the shells and of the abdomen and legs subferruginous:

Inhabits Germany. Fabricius, Append. p. 445.

Antennæ short inflected : *body* blackish, villous.

43. CICINDELA. *Antennæ* setaceous : *feelers* 6, filiform ; the hind-ones hairy : *mandible* prominent, armed with many teeth : *eyes* prominent : *thorax* rounded, margined, narrower than the head.

This is, in general, a very beautiful genus of Insects : they are found in dry sandy places, and prey with the most ravenous ferocity upon all other insects which come in their way and they can overcome : the *larva* is soft, white, long, 6-footed, with a brown scaly head, and lurks in a round perpendicular hole in the ground, with its head at the entrance, to draw in and devour whatever insects may come near or fall into it.

A. Lip 3-toothed.

Longicollis. Thorax elongated cylindrical : body blue : thighs ferruginous.

Inhabits Siam ; large. Oliv. Ins. 33. tab. 2. fig. 17.

Antennæ grey, blue at the base : *shells* punctured, emarginate at the tip : *legs* grey : *thighs* ferruginous.

Aptera. Thorax elongated cylindrical : body black : thighs ferruginous.

Inhabits East India. Act. Soc. Hist. Nat. Havn. 1. tab. 5.

Shells rugged, joined in the middle.

Attelaboides Thorax elongated cylindrical: body rugged black: shells spinous at the tip: legs rufous.

Inhabits *East India*; resembles the last.

Head black polished: antennæ rufous: thorax rugged, narrowed before: shells hardly connected, with spinous teeth at the tip.

Angustata. Thorax cylindrical blue: shells testaceous tipped with black.

Inhabits *Germany*. *Carabus angustatus*. Payk. Mon. 108 67.

Small. Antennæ testaceous black, yellow at the base: head large ovate black: shells slightly striate: legs testaceous, the joints black.

3-pustulata. Thorax cylindrical: body black: shells with 2 ferruginous spots at the base and band in the middle.

Inhabits *Paris*; small.

Head large flat immaculate: shells smooth, with a large rufous spot at the base and a common rufous band in the middle reaching a little way down the suture: body black.

Grossa. Black; shells pointed, with 3 white spots.

Inhabits *Coromandel*. Oliv. Ins. 33. tab. 2. fig. 23.

Head very large brown, rough with cinereous hairs: lip yellow: mandibles yellow tipped with black: thorax rounded punctured, brown, with an impressed streak on the fore-part: shells punctured, with 3 pale spots.

Cyanea. Blue, polished: mouth testaceous.

Inhabits *East India*; large.

Body above more dusky, beneath polished: antennæ brown: jaws and feelers testaceous tipped with black: fore-thighs above green beneath blue, second pair above blue beneath green, hind-ones entirely blue.

Megacephala. Black bronzed: shells striate punctured: mouth antennæ and legs testaceous.

Inhabits *Senegal*. Oliv. Ins. 33. tab. 2. fig. 12. Large.

Bicolor. Green, polished; shells dull blue immaculate: margin of the abdomen testaceous.

Inhabits *East India*.

Antennæ brown, greenish at the base: head green: mandibles white tipped with black: feelers testaceous tipped with black: body blue.

* *Campestris*.

- *Campestris* Green-gold : shells with 6 white dots
 Inhabits *Europe*. *Donovan's English Insects*. i. plate. 12.
Antennae above brown beneath red : *thorax* a little angular,
 rough : *shells* irregularly dotted : upper *lip* white : *mandibles*
 projecting sharp : *legs* red with a coppery tinge.

- *Hybrida*. Purplish ; shells with a white band and 2 lunules : body
 shining gold:
 Inhabits *Europe*. *Oliv. Ins.* 33. tab. 1. fig. 7.

- Sylvatica*. Black ; shells with a white waved band and 2 dots.
 Inhabits *Europe*. *Oliv. Ins.* 33. tab. 1. fig. 9.

- Arenaria*. Head and thorax dull coppery : shells black with a white
 band in the middle and 2 lunules ; body black.
 Inhabits *Barbary* ; less than *C. hybrida*.
Antennae black : head coppery : *lip* and base of the *mandibles*
 white : *thorax* immaculate : *shells* smooth.

- Littoralis*. Dull brassy : shells blackish with 6 whitish dots, that at the
 base lunate, the middle one transverse.
 Inhabits the Shores of *Barbary*.
 Head dull brassy : *lip* whitish : *jaws* black, white at the base.

- Tristis*. Black ; shells with a yellow spot in the middle.
 Inhabits—— *Oliv. Ins.* 33. tab. 3. fig. 25.
 Body large : shells with a yellow lunate spot in the middle.

- Interrupta*. Shells brown with a yellow dot at the base, 3 interrupted
 bands and a small line at the tip.
 Inhabits *Sierra Leona*. *Oliv. Ins.* 33. tab. 2. fig. 15.
 Head brown : *antennae* and *jaws* black : shells smooth, a little
 polished, with a yellow dot at the base ; the first band consists
 of a lunule and dot at the future, the second of a streak and
 dot at the future, the third of 3 small spots : body beneath
 brassy.

- Lunulata*. Black ; shells with 2 white lunules and 2 spots, the anteri-
 or one transverse.
 Inhabits—— *Oliv. Ins.* 33. tab. 2. fig. 23.
 Head black : mouth yellow : *mandibles* black, a little yellowish
 at the base : shells with a white lunule at the base near the
 outer margin, a transverse spot in the middle, then 2 pair
 of dots and a lunule at the tip : body beneath blue po-
 lished.

Lurida. Dusky : shells with 2 white dots and 3 white lunules, the middle one flexuous.

In the museum of Sir. Jos. Banks.

Head and thorax dull coppery : lip yellow with a streak on the fore-part composed of impressed black dots : shells black with a white dot at the base in the middle and one before the middle near the suture.

Chinensis. Shining blue ; shells green with 2 black spots, the hind one with 2 white dots.

Inhabits China. Oliv. Ins. 33. tab. 3. fig. 30.

A little larger than *C. campestris*. Head blue : antennae violet-black : thorax green-gold ; in the middle : shells green-gold : 4-fore-thighs rufous.

Flexuosa. Dusky ; shells with 4 white dots and 3 lunules, the middle one flexuous.

Inhabits the sandy shores of Spain : resembles the last.

Lip toothed, white edged with black : jaws black : thorax impressed at the base and tip : shells with 2 white dots at the base placed obliquely near the suture, then a lunule at the outer margin, next a dot at the suture, a flexuous and nearly doubled lunule in the middle at the margin, a white dot at the margin and lunule at the end : abdomen brassy : legs coppery.

Capensis. Slightly bronzed ; shells white with a 3-branched brown lines.

Inhabits the Cape of good hope. Oliv. Ins. 33. tab. i. fig. 11.

Cicindela sinuata of Olivier. tab. 2. fig. 19. scarcely differs.

Germanica. Coppery ; shells green with a white dot, a lunule at the tip.

Inhabits Germany. Oliv. Ins. 33. tab. 1. fig. 9.

Varies in being of a green blue or black colour.

Tuberculata Thorax brown, with 2 tubercles : shells varied with brown and green, the margin white and 3-toothed.

Inhabits New Zealand. Oliv. Ins. 33. tab. 3. fig. 28.

Head brown : lip whitish.

Unipunctata. Pale purple : lip and dot on the shells white.

12.

Inhabits America. Oliv. Ins. 33. tab. 3. fig. 28.

Lip rounded sinuate white : shells with a single lateral white dot : body beneath greenish.

Bipunctata.

Bipunctata. Black; shells with a white dot; legs yellow: thighs black.
Inhabits———*Oliv. Ins. 33. tab. 1. fig. 2.*

6-punctata. Brassy-green; disk of the shells more dusky with 3 white dots.

Inhabits the shores of *Malabar*. *Oliv. Ins. 33. tab. 1. fig. 6.*
Head shining green, *crown* more dusky: *thorax* above brown, the *sides* and *breast* green with a shining blue gloss: *shells* oblique: *abdomen* and *legs* green.

4-lineata. Brassy-green; shells dusky with a white margin and line down the middle.

Inhabits *India*. *Oliv. Ins. 33. tab. 1. fig. 4.*
Mandibles white tipped with black: *lip* white: *orbits* golden: *thorax* shining brassy, beneath golden with white down: *shells* edged with white, which runs out towards the tip into a denticle: *abdomen* beneath golden finely polished, the *sides* hairy.

Cincta. Black; shells with a lateral white fillet and 3 dots.

Inhabits *Africa*. *Oliv. Ins. 33. tab. 3. fig. 33. large.*
Mouth testaceous: *thorax* black immaculate.

Biramosa. Dull brassy; shells with a 2-branched white edge.

Inhabits *India*. *Oliv. Ins. 33. tab. 3. fig. 29. tab 2. fig. 16.*
Body above dull brassy, beneath golden polished: outer margin of the *shells* white, sending out 2 teeth, one in the middle the other towards the tip.

6-guttata. Green, polished: shells with 3 white marginal dots.

Inhabits *Virginia*. *Oliv. Ins. 33. tab. 2. fig. 21.*
Antennæ brown at the tip: *lip* yellow.

Catena. Brassy-green; shells whitish with 6 green concatenate spots.

Inhabits *East India*. *Oliv. Ins. 33. tab. 1. fig. 12.*
Shells with 3 spots in the middle and 2 at the suture, all connected among themselves and with the suture: *abdomen* bronzed, the *sides* covered with a clear white wool.

Marginata. Green; shells with a white margin waved band and 2 dots.

Inhabits *Virginia*.
Lip yellow: dots on the *shells* at the base.

8-guttata. Dusky; shells with 4 white dots on the disk and 2 marginal lunules.

Inhabits *America*. *Oliv. Ins. 33. tab. 3. fig. 32.*
Antennæ and *jaws* black: *lip* white: *body* dull brown.

Trifasciata.

- Trifasciata*. Dusky; shells with 3 white streaks, the second flexuous.
Inhabits *America*, and in *Italy*, somewhat less.
Above dusky, beneath brassy polished: *lip* white: *shells* with 3 white streaks, the first abbreviated lunate, second flexuous, the third near the tip.
- Carolina*. Green, polished: tip of the shells, mouth, antennæ and legs yellow.
Inhabits *North America*. *Oliv. Ins.* 33. *tab.* 2. *fig.* 22.
- Virginica*. Violet, polished: mouth antennæ and legs testaceous.
Inhabits *Virginia*. *Oliv. Ins.* 33. *tab.* 3. *fig.* 26.
- Cayennensis*. Above brown, beneath azure: tail and hind-shanks testaceous.
Inhabits *Cayenne*.
Antennæ azure tipped with brown: *head*, *thorax* and *shells* brown, the sides with an azure gloss.
- Emarginata*. Blue; mouth antennæ and legs rufous: shells emarginate at the tip.
Inhabits *Paris*. *Carabus dentatus*. *Rofs. Fn. Ent.* 1. *tab.* 2. *fig.* 11.
Small: *antennæ* rufous, the first joint elongated and tipped with black: *thorax* cylindrical punctured, a little channelled: *shells* striate obtuse: *body* blue: all the *legs* rufous.
- Æquinoctialis*. Yellow; shells with 2 broad black bands,
Inhabits *Surinam*.
- Maura*. Black; shells with 6 white dots, the third and fourth parallel.
Inhabits the *East*.
- Minuta*. Brassy; shells with 4 marginal yellow lunules.
Inhabits *India*. *Oliv. Ins.* 33. *tab.* 2. *fig.* 13.
Very small: *shells* punctured, with 4 white lunules connected at the outer margin: *legs* rufous: *thighs* green.
- Japonica*. Violet; shells with a coppery base tip and band, a yellow band and 2 dots.
Inhabits *Japan*. *Thunb. Nov. Inf.* 1. *p.* 25. *fig.* 39.
Body beneath shining blue and violet.

- 6-notata*. Head greenish: thorax red: shells testaceous with 6 black spots.
Inhabits *Siberia*. *Lepech. It. 2. tab. 10. fig. 12.*
- Austriaca*. Green; breast and base of the abdomen beneath red bronzed: shells with a very thin gold edge and a few white dots.
Inhabits *Austria*. *Schrank. Natur. p. 69. § 17.*
- Litterata*. Of a metallic gloss with white down: shells coppery with blue dots and silvery streaks resembling letters.
Inhabits *Switzerland*. *Sulz. Hist. Inf. p. 55. tab. 6. fig. 12.*
- Danica*. Black, above brown bronzed: shells with lateral remote striæ, the back speculiferous.
Inhabits *Denmark*. *Mull. Zooll. Dan. p. 80. n. 865.*
- Punctata*. Black; beneath slightly bronzed: shells striate, with 4 impressed dots: legs yellow-brown.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 80. n. 867.*
- Chinensis*. Beneath blue-violet, polished: shells green with black spots and 4 white dots.
Inhabits *China*. *Degeer. Inf. 4. p. 119. tab. 17. fig. 23.*
- Cærulea*. Shining-blue: mouth white.
In the deserts of *Siberia*. *Pall. It. 2. App. n. 65.*
- Gracilis*. Brassy-black: shells with 2 marginal white dots, the disk reddish behind.
Inhabits the sands of *Siberia*. *Pall. It. 2. App. n. 66.*
Body very slender: legs very long and thin.
- Ferruginea*. Ferruginous; legs shells head and thorax testaceous, the latter green each side behind: shells with a green suture and waved band.
Inhabits waters of *Europe*. *Mus. Lesk. p. 34. n. 762.*
Head 2-lobed behind: lip white: jaws black: thorax jagged on the fore-part: scutellum: shells with each 15 punctured striæ and 3 spots at the base near the anterior margin.

B. *Lip rounded, pointed, entire.* *Elaphrus.*

Atrata.

- Atrata.* Entirely black opaque.
 Inhabits *Siberia*. *Pall. It. 1. App. n. 42.*
 Resembles *C. Germanica*, and is probably not of this tribe.
- Lateola.* Shells brown green-gold with a broad milk-white lateral margin each side.
 Inhabits *Siberia*. *Pall. It. 2. App. n. 41.*
- Uliginosus.* Brassy-green; shells striate, with blue impressed dots.
 Inhabits marshes of *Germany*, larger than *C. riparia*.
- * *Riparia.* Brassy-green; shells with broad excavated dots, a reddish stud in the centre of each.
 Inhabits moist lands of *Europe*. *Schæff. Icon. tab. 86. fig. 4.*
- Striata.* Bronzed; shells striate: legs yellowish.
 Inhabits *Germany*; larger than *C. flavipes*.
Antennae black; the first joint yellow: *thorax* rounded, channelled on the back: shells brassy immaculate: legs yellowish: *thighs* more dusky: sometimes there are 2 impressed dots at the suture of the shells.
- * *Flavipes.* Dull brassy: shells slightly clouded: legs yellow.
 Inhabits *Europe*. Shells punctured.
- * *Aquatica.* Black, bronzed, polished: head striate.
 Inhabits *Europe*. *List. Nat. tab. 31. fig. 13.*
- Semipunctata.* Bronzed, polished: shells punctured, finely polished.
 Inhabits *Saxony* and *Berlin*.
 Shells striate punctured, finely polished in the middle near the suture: legs black.
- Biguttata.* Bronzed; shells polished, yellowish at the tip.
 Inhabits watery places in *Norway*.
 Head and *thorax* rugged, dull brassy: shells with an impressed dot in the middle and broad yellowish tip.

44. BUPRESTIS. *Antennæ* filiform, serrate, as long as the thorax: *feelers* 4, filiform; the last joint obtuse or truncate: *head* partly retracted within the thorax.

This is a genus remarkable for its rich metallic colours, having frequently the appearance of the most highly polished gold or copper: the *larvæ* are usually found among timber and in decayed trees.

Unidentata. Shells 1-toothed, brassy with a golden margin.

Olivier's Insects. 32. tab. 8. fig. 86.

In the museum of Sir JOSEPH BANKS: large.

Antennæ short black: *head* green: *front* channelled, golden: *thorax* green with 3 broad copper-gold lines: *shells* glabrous green with a burnished golden margin: *body* green polished: ends of the *legs* brown.

Bicolor. Shells pointed, brassy-green with a yellow spot: breast and abdomen yellow.

Inhabits *America.* *Oliv. Inf.* 32. tab.—fig.—: large.

Antennæ black: *head* brassy-green: *eyes* testaceous: *legs* brassy.

4-dentata. Shells pointed dusky: body brassy polished: tail 4-toothed.

In the museum of Sir *Joseph Banks*: middle sized.

Head brassy polished with an elevated frontal heart shaped spot: *crown* dusky: *thorax* rather dusky with numerous shining green dots: *shells* with an impressed dot at the base: *body* brassy: *abdomen* above and edges of the segments beneath azure: *sternum* gibbous: *tail* azure.

Acuta. Shells pointed punctured: body black: thorax smooth.

Inhabits *Europe.* *Degeer. Ins.* 4. p. 133. n. 7.

Gigantea. Shells 2-toothed rugged: thorax smooth: body finely burnished.

Inhabits *South America.* *Naturalist's, Miscel.* plate 256.

Body highly-polished copper: edges of the *thorax* and *shells* with a green tinge, the latter slightly striate: *abdomen* violet *legs* green.

- Vittata.* Shells 2-toothed punctured, with 4 raised green-gold lines and a broad gold fillet.
Inhabits *India*. *Oliv. Ins.* 32. tab. 3 fig. 17.
Head green: *front* golden: *antennae* black: *thorax* punctured with a gold spot each side at the base: *shells* covered with ferruginous down. Varies in having the *thorax* with 2 chestnut brown lines and a chestnut brown fillet on the *shells*.
- Fastuosa.* Shells 2-toothed striate punctured green, golden on the back
Inhabits *South America*. *Oliv. Ins.* 32. tab. 8. fig. 81.
Head rough golden, emarginate on the fore-part; *thorax* punctured green bronzed: *sternum* emarginate before and behind.
- Regalis.* Shells 2-toothed, brown with 2 flexuous green bands and 22 remote green lines.
Inhabits *Cayenne*; middle-sized. *Oliv. Ins.* 32. tab. 9.
Head brown: *eyes* testaceous: *thorax* brown with a golden margin and dorsal line.
- Collaris.* Shells 2-toothed green-gold: *thorax* brown polished, with 2 gold streaks: *sternum* coppery.
Inhabits *Cayenne*. *Oliv. Ins.* 32. tab. 2. fig. 9.
Head shining green: *antennae* black: *shells* striate, green with golden disk: *body* green bronzed.
- Attenuata.* Shells 2-toothed tapering striate: *body* brassy-green, beneath coppery.
Inhabits near the *Rio Janeiro*.
Head and *thorax* punctured shining green: *shells* tapering towards the tip: *body* with a fine copper gloss.
- Punctatissima.* Shells 2-toothed, coppery with numerous violet dots.
Inhabits *Sierra Leona*. *Oliv. Ins.* 32. tab. 7. fig. 76.
- Rufipes.* Shells striate, blue with 4 yellow spots: *body* green with brassy splendor
Inhabits *Maryland*. *Oliv. Ins.* 32. tab. 7. fig. 73.
Head brassy-green polished: *antennae* chestnut-brown: *thorax* slightly punctured, the sides yellow beneath: *shells* 2-toothed blue with 4 spots, that at the base longitudinal, 2, 3 transverse the fourth at the tip: *abdomen* brassy at the base with yellow spots, the tip chestnut-brown: *legs* chestnut-brown.

- Berolinensis*. Shells 2-toothed varied with black and green: tail 3-toothed.
Inhabits *Germany*. *Herbst. Arch. tab. 28. fig. 5.*
Body beneath coppery.
- Corrusca*. Shells 2-toothed brassy finely polished, the tip and abdomen golden.
Inhabits *Jamaica*. *Oliv. Ins. 32. tab. 9. fig. 99.*
Antennae blue: *abdomen* burnished gold: *legs* brassy-green.
- Micans*. Shells 2-toothed striate, brassy with a blue gloss and edged with gold.
Inhabits *Italy*; size of *Buprestis decora*.
Head golden: *antennae* green: *thorax* punctured shining brassy-green: *shells* striate, the outer margin golden: *body* brassy-green finely polished: *legs* green.
- Decora*. Shells truncate 2-toothed green with a blueish fillet and golden margin.
Inhabits *America*. *Oliv. Ins. 32. tab. 8. fig. 82.*
Head rough: *thorax* golden rounded behind: *body* beneath punctured golden: *sternum* notched before and behind.
- Funesta*. Shells 2-toothed striate: body dull brassy: *thorax* punctured coppery polished.
Inhabits *Guinea*; large.
Antennae ferrate short black: *head* punctured dusky: *abdomen* black, the sides covered with cinereous down.
- Umbrosa*. Shells 2-toothed striate, black bronzed with a polished marginal fillet.
Inhabits *Guinea*; a little less than the last.
Head punctured: *thorax* dusky with 2 dorsal glabrous raised black dots: *body* dull brassy.
- Lurida*. Shells 2-toothed: body dusky: tail 3-toothed.
Inhabits *North America*. *Oliv. Ins. 32. tab. 8. fig. 83.*
Thorax and *shells* rugged, varied with brassy and cinereous; beneath brassy.
- Obscura*. Shells 2-toothed: body dull brassy with darker raised dots.
Inhabits *North America*; small: beneath coppery polished.

- Punctata.* Shells slightly 2-toothed: body bronzed: head and abdomen with testaceous dots.
 Inhabits *Barbary*. *Oliv. Ins.* 32. *tab.* 10. *fig.* 114.
Head brassy with 2 testaceous dots at the mouth and 2 between the *antennæ*: *orbits* testaceous: *thorax* punctured brassy with a testaceous dot each side at the tip: *abdomen* brassy with 4 testaceous dots each side, the last larger.
- Morbillofa.* Shells 2-toothed striate, black with numerous impressed white dots.
 Inhabits *South America*. *Oliv. Inf.* 32. *tab.* 8. *fig.* 84.
Head blackish: *front* impressed villous.
 Whitish: *thorax* punctured black: *body* covered with whitish down: *legs* black.
- Aurifer.* Shells 2-toothed green with numerous impressed gold dots: legs azure.
 Inhabits *Cayenne*. *Oliv. Ins.* 32. *tab.* 9. *fig.* 95.
Head green dusky: *thorax* green polished, with large impressed gold spots. *Shells* punctured striate, the dots nearly forming a band.
- Fasciata.* Shells 2-toothed brassy-green, azure at the tip, with 2 ferruginous bands.
 Inhabits *North America*. *Oliv. Ins.* 32. *tab.* 4. *fig.* 92.
Antennæ black: *head* and *thorax* polished brassy-green: *shells* striate, fine blue at the tip, with a ferruginous dot in the middle and 2 bands behind, the first sinuate, the other hardly reaching the edges: *body* brassy.
- Lucidula.* Shells 2-toothed brassy finely polished with an abbreviated fulvous band: abdomen fulvous with gold-gloss.
 Inhabits *Surinam*; small.
Head and *thorax* punctured brassy-green: *shells* punctured: *body* brassy-green.
- Rauca.* Shells 2-toothed substriate: body dull brassy immaculate.
 Inhabits *Barbary*; small
- Aurulenta.* Shells 2-toothed fastigate green, the edge and body golden: *thorax* subpunctured.
 Inhabits *Carolina*. *Body* oblong, narrow.

- Aenea*. Shells emarginate with excavated rough dots, striate at the tip.
Inhabits *Europe*. *Fn. Suec.* 758. An indistinct species.
- Calcarata*. Shells 2-toothed substriate: middle pair of flanks toothed body coppery.
Inhabits *Germany*. *Schæff. Icon. tab.* 35. *fig.* 7.
Size of *B. rustica*. Shells with 4 striæ: *thorax* with a single black-blue one down the middle.
- Striata*. Shells truncate slightly 2-toothed, coppery with 4 raised lines.
Inhabits *Pensylvania*. *Oliv. Ins.* 32. *tab.* 7. *fig.* 77.
Antennæ short black: *head* and *thorax* rough, dull coppery: shells with 4 lines, the outer ones meeting at the tip, the inner ones abbreviated.
- Rutilans*. Shells 3-toothed and ferrate, green spotted with black, the margin golden.
Inhabits *Austria*. *Oliv. Ins.* 32. *tab.* 5. *fig.* 45.
Antennæ brown: *thorax* rough, shining green with a gold edge: shells striate, the margin golden with numerous black dots: body beneath shining green.
- Ignita*. Shells 3-toothed: *thorax* impressed: body with a gold gloss.
Inhabits *East India*. *Oliv. Ins.* 32. *tab.* 4. *fig.* 33.
- Lineata*. Shells truncate, slightly 3-toothed, brassy-black with 2 fulvous fillets.
Inhabits *America*. *Oliv. Ins.* 32. *tab.* 8. *fig.* 80.
Head brassy, pale on the fore-edge, with a rufous band in the middle: *thorax* punctured brassy, the outer edge rufous before: *sternum* notched before and behind: first segment of the *abdomen* grooved.
- Ocellata*. Shining-green; shells 3-toothed with 2 golden spots and an ocellate yellow one.
Inhabits *East India*. *Oliv. Ins.* 32. *tab.* 1. *fig.* 3.
Thorax golden with a longitudinal blueish line: shells green with 3 raised lines, 2 gold spots one at the base and another at the tip, with a yellow subocellar spot in the middle which sometimes nearly forms a band.
- Aenea*. Shells 3-toothed; body brassy immaculate.
Inhabits *Coromandel*. *Oliv. Ins.* 32. *tab.* 8. *fig.* 87.
Body entirely brassy: shells striate.

- Maculata.* Shells 3-toothed, azure spotted with yellow.
 Inhabits *Siberia*. *Oliv. Ins.* 32. *tab.* 6. *fig.* 61. *t.* 10. *fig.* 61.
Head azure : *mouth* yellow : *front* yellow with 2 black dots and
 2 azure spots : *thorax* punctured, blue edged with yellow :
shells striate, azure with 2 large lunate yellow spots, the hind-
 one often divided into two ; *body* brassy : *abdomen* with a line
 of yellow dots each side.
- Flavo-maculata.* Shells truncate toothed striate, black with 4 yellow spots.
 Inhabits *Sweden*. *Herbst. Arch.* *tab.* 28. *fig.* 8.
Head brassy-black : *front* yellow ; *thorax* black edged with yellow :
abdomen brassy-black with 2 fulvous dots at the tip : *legs*
 black.
- Interrupta.* Shells slightly 3-toothed, black with 3 impressed white
 lines at the base and an interrupted one at the tip.
 Inhabits *Senegal*. *Oliv. Ins.* 32. *tab.* 4. *fig.* 28.
Head black with a blue gloss and a white villous groove in the
 middle : *thorax* black with numerous impressed white dots :
body covered with cinereous down : *sternum* projecting brassy
 polished : *legs* brassy.
- Hæmorrhoidalis.* Shells slightly 3-toothed with 9 grooves : body shining
 brassy : last segment of the abdomen with 2 fulvous
 spots.
 Inhabits *Berlin*. *Herbst. Arch.* 5. *tab.* 28. *fig.* 12.
- Sternicornis* Shells ferrate or 3-toothed with cinereous impressed dots :
sternum projecting conic.
 Inhabits *East India*. *Oliv. Ins.* 32. *tab.* 6. *fig.* 52.
Body with a metallic gloss ; *thorax* punctured : dots on the *shells*
 sometimes consolidated except the broader one at the base.
- Chrysis.* Shells ferrate or 3-toothed chestnut-brown : *sternum* conic
 projecting.
 Inhabits *East India*. *Oliv. Ins.* 32. *tab.* 2. *fig.* 8.
- Castanea.* Shells ferrate or 3-toothed, chestnut with a ferruginous im-
 pressed dot at the base : *thorax* black reticulate with
 ferruginous.
 Inhabits *Senegal*. *Oliv. Ins.* 32. *tab.* 2. *fig.* 36.
Head black : *antennae* chestnut : *thorax* reticulate with numerous
 impressed ferruginous dots : *shells* slightly striate : *body* black :
abdomen with transverse lateral ferruginous dots each side :
sternum conic but not much projecting.
- Violacea.* Shells truncate 4-toothed violet : body long azure.
 Inhabits *Sierra Leona* in *Africa*.

- Equestris*. Shells ferrate azure with a testaceous band behind.
Inhabits *Brazil*; middle-sized.
Body brassy polished: *sternum* a little projecting: *thorax* azure immaculate: *shells* striate punctured with a band of testaceous dots in the middle and a sinuate one behind: *legs* azure: *thighs* brassy.
- Depressa*. Shells ferrate grooved: body depressed dusky.
Inhabits the *East*.
Thorax punctured grooved, angulate each side; *shells* finely ferrate, with 8 grooves: *body* rather coppery.
- Mariana*. Shells ferrate, longitudinally wrinkled with 2 impressed dots: *thorax* grooved.
Inhabits *New Holland*. *Oliv. Ins.* 32. tab. 1. fig. 4.
Antennæ black: *head* grooved brown: *orbits* golden: *thorax* with an impressed lunule at the edges: *shells* green with a longitudinal groove from the middle to the tip: *body* brassy sprinkled with ferruginous pollen.
- Faviosa*. Shells ferrate green with an impressed abbreviated sutural groove.
Inhabits *New Holland*. *Fabricius. app.* p. 450.
Antennæ black: *head* grooved brown: *orbits* golden: *thorax* dull brassy, grooved on the back, the edges with an impressed lunule: *shells* and *body* as in the last.
- Ventricosa*. Shells ferrate green punctured: *thorax* brassy with an impressed groove and gold spots
Inhabits *Madagascar*. *Oliv. Ins.* 32. tab. 6. fig. 63.
Antennæ black: *head* brassy with a deep impressed groove: *shells* punctured, those at the base larger and golden: *body* brassy: base of the *abdomen* a little prominent.
- Smaragdula*. Shells ferrate: body brassy-green: *thorax* with an impressed gold spot each side.
Inhabits *East India*. *Oliv. Ins.* 32. tab. 1. fig. 8.
Head retuse: *shells* substriate polished.
- Fulminans*. Shells ferrate: body brassy finely polished: *shells* red-gold at the tip.
Inhabits the *Indies*; large. *Shells* punctured.
- Cyanipes*. Shells ferrate striate brassy-green: *thorax* flat blue.
Inhabits *South America*. *Oliv. Ins.* 32. tab. 9. fig. 104.
Head and *antennæ* azure: *thorax* punctured: *shells* with crenate striæ deeply ferrate at the tip: *body* brassy-green: *legs* azure.

- Modesta.* Shells ferrate, rather opaque, with 3 impressed gold spots.
Inhabits *Brazil*. *Oliv. Ins.* 32. tab. 7. fig. 72.
Head impressed green: *eyes* testaceous: *thorax* punctured brassy with 3 impressed spots: *shells* somewhat grooved, more polished at the base, with 3 impressed gold spots.
- Blanda.* Shells ferrate, tapering, grooved, brassy-green with coppery grooves.
Inhabits *South America*. *Oliv. Ins.* 32. tab. 9. fig. 94.
Body brassy-green polished: *thorax* with a dorsal impressed line of a green and coppery splendor.
- Aurata.* Shells ferrate: body golden: thorax brassy.
Inhabits *America*. *Oliv. Ins.* 32. fig. 33.
Head grooved brassy: *eyes* testaceous: *antennæ* brassy with black teeth: *thorax* smooth: *shells* slightly striate.
- Fulgida.* Shells ferrate: body brassy-green: thorax with 2 rufous coppery fillets, shells with one.
Inhabits *East India*; large. *Oliv. Ins.* 32. tab. 9. fig.—.
Head grooved: *shells* smooth: *body* brassy.
- 3-punctata.* Shells ferrate striate coppery, with 3 impressed gold dots.
Inhabits *South America*. *Oliv. Ins.* 32. tab. 2. fig. 10.
Body golden: *head* and *thorax* coppery immaculate: *tail* 2-toothed.
- Elegans.* Shells ferrate: body brassy polished: thorax with 2, shells with 1 gold line.
Inhabits the *Cape of Good Hope*. *Oliv. Ins.* 32. tab. 8. fig. 89.
Head rough green: *thorax* punctured and nearly variolous, brassy with 2 approximate gold lines: *shells* green with 4 raised lines, the interstices much punctured: *body* beneath brassy.
- Trifasciata* Shells ferrate: body black-brassy pubescent; shells with 3 yellow bands, the anterior one dilated at the margin.
Inhabits *South America*; twice as large as the next.
Antennæ black: *head* brassy: *thorax* pubescent brassy, the edge yellowish at the base: first band on the *shells* in the middle with a small black dot, and a little abbreviated at the future; second abbreviated; third entire: near the *scutellum* is a small abbreviated line nearly obsolete: *body* villous.
- 9-maculata* Shells ferrate: body black: front with 1, thorax 2 and shells with 3 yellow dots.
Inhabits *Southern Europe*. *Oliv. Ins.* 32. tab. 4. fig. 30.
Spot at the base of the *shells* 2-lobed behind.

Porcata.

- Porcata.* Shells ferrate, with 3 raised lines: thorax angulate: body brown polished.
 Inhabits the *East*. *Oliv. Ins. 32. tab. 2. fig. 15.*
Thorax punctured, very much impressed on the back, the sides with an obtuse prominence at the angles: spaces between the lines on the *shells* striate with concatenate spots in a double row: *body* brown with a coppery splendor.
- Dorsata.* Shells ferrate: body dull brassy: abdomen golden on the back: tail 2-toothed.
 Inhabits *South America*.
Shells glabrous smooth, with 2 impressed dots at the base.
- **Chrysofigma.* Shells ferrate longitudinally grooved, with 2 impressed gold spots: thorax punctured.
 Inhabits *Europe*. *Oliv. Ins. 32. tab. 6. fig. 54.*
Shells long narrow pointed with 3 striæ on each: *body* brown-gold.
- Impressa.* Shells ferrate smooth brassy, with 3 impressed dots.
 Inhabits *India*. *Oliv. Ins. 32. tab. 5. fig. 42.*
Body dull brassy: edge of the *abdomen* dotted with white: *thorax* with an impressed dot each side: *shells* ferrate down the edge with a single raised line down the suture.
- Affinis.* Shells subferrate smooth black, with 3 impressed gold dots.
 Inhabits *Germany*; probably a variety of one of the last.
- Frontalis.* Shells ferrate black, with 6 green spots: front impressed.
 Inhabits *South Carolina*. *Oliv. Ins. 32. tab.—. fig.—.*
Head brassy polished: *thorax* angulate each side, brassy-green with 2 dorsal black spots: spots on the *shells* 2. 2. 2. *legs* brassy: *fore-thighs* with a strong impressed tooth.
- Ornata.* Shells ferrate. dusky with white spots.
 Inhabits *Pennsylvania*. *Oliv. Ins. 32. tab. 7. fig. 67.*
Antennae short: *head* and *thorax* punctured black: *shells* ferrate down the edge, striate punctured: *body* black.
- Serrata.* Shells ferrate; body brassy: front with a transverse raised tubercle: abdomen ferrate.
 Inhabits *Guinea*, small.
Head and *thorax* smooth glabrous brassy: *shells* short ferrate down the edge: *legs* brassy.
- Tanjata.*

- Tæniata.* Shells ferrate : body covered with cinereous down : shells black with 2 ferruginous bands.
 Inhabits *Europe*. *Oliv. Ins.* 32. tab. 5. fig. 41. 49.
Antennæ black : *head* and *thorax* villous dull grey : bands on the *shells* on the lower half, the last hardly touching the margin, before the bands is a ferruginous dot or two.
- Elongata.* Shells ferrate greenish : body elongated coppery.
 Inhabits *Barbary*. *Oliv. Ins.* 32. tab. 9. fig. 102.
Body much longer and narrower than the rest of this genus : *shells* greenish with a coppery gloss,
- Pulchra.* Shells ferrate, with 3 abbreviated sanguineous bands : body deep black.
 Inhabits *Morocco* ; middle sized.
Antennæ blackish : *head* black : *thorax* channelled punctured deep black : *shells* with crenate striæ, the bands not reaching the edges or suture, with a sanguineous dot or two before them.
- Gibbosa.* Shells ferrate striate gibbous at the base : body brassy green : *thorax* channelled.
 Inhabits the *Cape of good hope*. *Oliv. Ins.* 32. tab. 6. fig. 59.
 Small. *Antennæ* black : *thorax* glabrous brassy, with a channel down the middle and an impressed dot each side : *shells* with crenate striæ : *body* black.
- Cayennensis* Shells ferrate, black with 3 green bands and a small line at the tip : body brassy-green ; head and *thorax* spotted with brown.
 Inhabits *Cayenne*. *Oliv. Ins.* 32. tab. 5. fig. 43 ; small.
Antennæ black, brassy at the base : *head* brown with a brassy splendor, compressed on the fore-part : *thorax* brassy with 2 large brown spots : *shells* smooth, the first band at the base, the second interrupted, the third bent downwards ; at the tip is a small green line.
- Cylindrica.* Shells ferrate striate : *thorax* villous : body cylindrical black.
 Inhabits the *East*.
Eyes testaceous : *thorax* brown with a slight gloss of copper.
- Volvulus.* Shells ferrate spotted with yellow : *thorax* unequal villous : body cylindrical.
 Inhabits *South American Islands*.
Head black covered with cinereous down : *thorax* channelled on the back and very much impressed at the sides : *body* clothed with cinereous down : *legs* black.
- Virginica.*

- Virginica.* Shells ferrate, black with coppery spots and metallic lustre: thorax broad, brown with coppery dots.
Inhabits *Virginia*. *Drury Ins.* 1. p. 66. tab. 30. fig. 3.
- Scabra.* Shells entire: front grooved: body rough, golden.
Inhabits the *Indies*. *Oliv. Ins.* 32. tab. 3. fig. 25.
Eyes testaceous: head furrowed with a deep groove.
- Trochilus.* Shells entire; body with a rich gold splendor: back of the thorax shells and legs green.
Inhabits *Austria*.
Head brassy: antennae green-brown: thorax golden, blue on the back with a green line down the middle: shells smooth.
- Decastigma* Shells entire brown, with raised striæ and 5 yellow spots.
Inhabits *Austria*.
Thorax punctured, blackish with a coppery gloss: shells with 3 abbreviated raised striæ: first spot on the shells solitary, the rest disposed in a circle when the shells are closed: body brassy-black.
- *8-guttata. Shells entire with 4 white spots: body blue.
Inhabits woods of *Europe*. *Oliv. Ins.* tab. 4. fig. 36.
- Fascicularis* Shells entire striate, with tufted hairy dots: body hairy gilt.
Inhabits the *Cape of good hope*. *Oliv. Ins.* 32. tab. 4. fig. 38.
Varies in having the body black and the tufts of hairs fulvous or yellow.
- Variolaris.* Shells entire, dusky with numerous impressed dots: thorax carinate.
Inhabits *Russia*. *Oliv. Ins.* 32. tab. 8. fig. 85.
Head and thorax rough dull black with a raised dorsal line: shells rough with numerous cinereous villous dots: body hairy with a slight gloss of copper.
- Onopordi.* Shells entire, dull brassy with villous white grooves: thorax rough.
Inhabits *Barbary*, on the *Onopordon*.
Body brassy, clothed with white down: thorax grooved, with many villous white impressed dots: legs coppery.
- Hirta.* Shells most entire: legs ferruginous: body hairy.
Inhabits *Africa* and *Barbary*. *Oliv. Ins.* 32. tab. 3. fig. 18. 19.
- Austriaca.* Shells entire grooved brassy: head and thorax green.
Inhabits *Austria*. *Oliv. Ins.* 32. tab. 10. fig. 113.

Sibirica. Shells entire, black with 2 impressed cinereous downy fillets.

Inhabits *Siberia*. *Herbst. Arch. tab. 28. fig. 11.*

Body black beneath covered with cinereous down: *head* and *thorax* rough: *shells* glabrous, the inner fillet oblique from the outer edge of the base to the tip of the future, the outer marginal.

Splendens. Shells entire green, edged round with gold, with 3 raised lines.

Inhabits *China*. *Body* shining green.

Fusca. Shells entire dull brown; beneath brassy: abdomen with lateral fulvous dots.

Inhabits the *Cape of good hope*. *Oliv. Ins. 32. tab. 8. fig. 88.*

Head rugged brown: *eyes* yellowish spotted with brown: *thorax* rough and impressed at the sides: *shells* striate punctured.

* *Rustica.* Shells emarginate striate: body bright green-gold.

Inhabits *Europe*. *Oliv. Ins. 32. tab. 3. fig. 22.*

Eyes red: each side the *scutellum* an impressed dot: *shells* with each 10 striæ. In one *sex* the tail or last segment of the abdomen is prominent with 2 fulvous spots.

Caniculata. Shells entire: body dusky: abdomen channelled beneath: tail 4-toothed.

Inhabits warm parts of *Africa*.

Head brown: *antennae* black: *thorax* punctured brown, the sides with an impressed lunule: *shells* punctured, with raised lines, the outer ones abbreviated: *abdomen* above blue: *breast* and *thighs* brassy.

Reticulata. Shells entire long tapering truncate: body brassy: thorax and shells reticulate with punctures.

Inhabits *Italy*. *Fabricius. Append. p. 451.*

Body dull brassy, not polished: *thorax* and *shells* reticulate with numerous impressed dots: *abdomen* rough beneath.

Acuminata. Shells entire, tapering to a point, dusky: body coppery.

Inhabits *Southern Russia*. *Oliv. Ins. 32. tab. 5. fig. 46.*

Thorax coppery spotted with black.

Excavata. Shells entire: body black dusky: thorax with an impressed spot at the base each side.

Inhabits *Tranquebar*. *Oliv. Ins. 32. tab.—fig.—*

Thorax prominent before: *shells* punctured, with 4 raised striæ meeting behind.

Mæsta.

- Mæsta*. Shells entire truncate: body above dusky, beneath coppery: thorax rugged.
Inhabits *Saxony*; size of *B. lugubris*.
Shells truncate, with a few large oblong dots.
- Lugubris*. Shells entire striate dusky, rough with oblong black dots: body beneath coppery.
Inhabits *Southern Europe*. *Oliv. Ins. 32. tab. 10. fig. 106*.
Head dull grey: *antennæ* black: *thorax* smooth grey, the edge golden and a little polished: *shells* grey: *body* coppery.
Female armed with a short ferrate sting at the tail.
- Cariosa*. Shells entire: body black: *antennæ* white: thorax variolous.
Inhabits *Southern Russia*. *Oliv. Inf. 32. tab. 7. fig. 68*.
Twice as large as *B. tenebrionis*: *body* black speckled with white: *shells* substriate: *thorax* with numerous raised glabrous spots.
- Undata*. Shells entire, dusky at the tip, with waved white bands: body brassy-green.
Inhabits *Germany*.
Head and *thorax* immaculate: *shells* green at the base with some nearly obsolete streaks, the tip blackish with distinct waved white streaks.
- Tenebricosa*. Shells entire substriate: body dusky: abdomen azure beneath with gold dots.
Inhabits *Southern France*. *Oliv. Inf. 32. tab. 5. fig. 48*.
Size of *B. tenebrionis*: *antennæ* black: *thorax* dusky with a few raised black dots: *shells* striate dusky speckled with black.
- Tenebrionis*. Shells entire truncate: body black: thorax dilated variolous.
Inhabits *Europe* and *Africa*. *Oliv. Inf. 32. tab. 6. fig. 16*.
Thorax with raised flat polished dots, the angle each side rounded and prominent.
- Rubi*. Shells entire with cinereous waved bands: body cylindrical black.
Inhabits *Europe*. *Oliv. Inf. 32. tab. 4. fig. 29*.
- Aurulenta*. Shells entire with a gold margin: body above dull green, beneath coppery.
Inhabits *Saxony*. *Oliv. Inf. 32. tab. 5. fig. 51*.
Antennæ black. *head* and *thorax* smooth dusky-green: *shells* dusky.

- Terfata.* Shells entire: body green: thorax punctured: legs tipt with azure.
Inhabits *Morocco*.
Head and *thorax* punctured green: *shells* punctured, with a marginal villous impressed gilt groove: *legs* coppery, azure at the ends.
- Cyanicornis.* Shells entire dull green: thorax with 2 darker lines: antennæ blue.
Oliv. Inf. 32. *tab.* 2. *fig.* 11. *tab.* 3. *fig.* 20.
Inhabits *Southern France*: very much resembles the last.
Thorax rough with a rufous gloss and 2 broad darker lines: *shells* green immaculate: *body* beneath brassy polished: *hind-thighs* thickened.
In the other *sex* the *thorax* is gold with 2 brown lines and the *thighs* simple.
- Bimaculata.* Shells entire striate with a red spot: body brown-green.
Inhabits *India*. *Sulz. Hist. Inf.* 57. *tab.* 6. *fig.* 16.
In the middle of the *shells* is a large red spot.
- 4-maculata.* Shells entire, green with 2 gold spots: thorax green, gold on the hind-part.
Inhabits *India*. *Oliv. Inf.* 32 *tab.* 10. *fig.* 110.
- Triflis.* Shells entire margined: body coppery: abdomen with 10 black dots.
Inhabits *India*.
On all the segments of the *abdomen* each side is a black dot.
- Cuprea.* Shells entire: thorax rough at the sides: scutel tubercular: body coppery.
Inhabits *America*.
Sides of the *thorax* depressed, rough.
- Tarda.* Shells entire blueish: body dull brassy-black.
Inhabits *Saxony*; a little less than the last.
- Metallica.* Shells entire substriate: body brassy immaculate.
Inhabits *Southern France*; resembles *B. ænea*.
- Nobilitata.* Shells entire with 2 waved gilt bands: body brown.
Inhabits the *Indies*.

- Appendiculata.* Shells very entire: a little pointed: body smooth black immaculate.
Inhabits *Germany*; size of the former ones.
- Barbara.* Shells entire substriate: body above brassy, beneath coppery.
Inhabits *Barbary*. *Oliv. Inf. 32. tab.—fig.—*
Head and thorax smooth, the latter with 2 approximate minute impressed dots at the base.
- Umbellatarum.* Shells entire smooth: body dull coppery immaculate.
Inhabits *Barbary*, on umbellate flowers. *Oliv. Inf. 32. t. 3. f. 23.*
- Morio.* Shells entire smooth: body black immaculate.
Inhabits *Germany*; size of *B. 4-punctata*.
Body black, not polished: beneath brassy.
- **4-punctata* Shells entire punctured: thorax with 4 impressed dots: body dusky.
Oliv. Inf. 32. tab. 10. fig. 117. Herbst, Arch. tab. 28. fig. 17.
Inhabits *Europe*; generally on the *Caltha palustris*.
- Cruciata.* Shells entire, golden with 2 black dots and a black cross behind.
Inhabits *New Holland*. *Oliv. Inf. 32. tab. 7. fig. 74.*
Head channelled golden: antennae black.
- Linearis.* Shells entire substriate: body dull brassy: thorax with 3 impressed villous whitish streaks.
Inhabits *Barbary*. *Buprestis lineata. Fabricius.*
- **Manca.* Shells entire dusky: thorax golden with 2 black streaks.
Inhabits *Europe*. *Oliv. Inf. 32. tab. 2. fig. 12.*
- **Pygmæa.* Shells entire blue: head and thorax bronzed polished.
Donovan's Eng. Ins. viii. plate 282. fig. 1, 2.
Inhabits *Barbary* on umbellate flowers, and was lately found in *England*, near *Coombe wood*, in a puddle.
- **Minuta.* Shells entire bronzed, transversely rugged with streaks of fine whitish hairs: thorax somewhat 3-lobed: body ovate black.
Inhabits *Europe*. *Donov. Eng. Ins. viii. plate 256.*
Found on the nut tree. *Oliv. Inf. 32. tab. 2. fig. 14.*

- Meditabunda.* Shells entire, shining brown: head and thorax coppery: body bronzed.
 Inhabits *North America*. *Oliv. Ins.* 32. tab. 10. fig. 107.
Head and *thorax* green, depressed at the sides: *shells* nearly linear, with a large impressed dot at the base and a few smaller ones on the back.
- Atomaria.* Shells entire linear, with a raised line down the middle: body brassy with numerous ashy specks.
 Inhabits *Surinam*; 3 times as large as *B. viridis*.
Antennae black: *head* brassy with ashy specks: *front* very much impressed: *thorax* green-bronzed speckled with cinereous: line on the *shells* flexuous at the base.
- *Viridis.* Shells entire linear punctured: body elongated shining green and blue in shades.
 Inhabits *Europe*. *Donovan's English Insects* v. plate 174.
Eyes testaceous: *legs* blue: *tail* 2-toothed.
 The *larva* feeds on the leaves of the Birch tree.
- *2-guttata.* Shells entire linear, green with a white dot: abdomen blue with 3 white dots each side.
 Inhabits *England*. *Oliv. Ins.* 32. tab. 7. fig. 75.
 Varies in having the *body* blue and green.
- Linealis.* Shells entire linear green: head and thorax dull green.
 Inhabits *Denmark*; resembles *B. viridis*.
Antennae bronzed: *shells* punctured: hind-margin of the *thorax* sinuate.
- Atra.* Shells entire linear: body elongated black.
 Inhabits *Germany*; exactly resembles *B. viridis* except in colour.
- Elata.* Shells entire linear: body elongated shining gold.
 Inhabits *Saxony*; size of the last: *body* entirely bronzed.
- Pavida.* Shells entire linear: body blue-brown, beneath brassy.
 Inhabits——About half the size of *B. atra*.
Thorax caniculate: *body* above brown with a blue gloss, beneath bronzed.
- Emarginata* Shells entire linear: body black: head grooved.
 Inhabits *France*; four times as small as *B. atra*.

- Ruficollis.* Shells entire linear: body black; thorax coppery.
Inhabits *America*. *Oliv. Ins.* 32. tab. 9. fig. 101.
- Festiva.* Shells entire with 6 blue spots: body elongated rich green.
Inhabits *Africa*. *Oliv. Ins.* 32. tab. 9. fig. 100.
Thorax with 2 blue dots.
- * *Nitidula.* Shells entire; thorax margined, depressed each side: body shining green.
Inhabits *Europe*. *Oliv. Ins.* 32. tab. 11. fig. 122.
- Nitens.* Shells entire: thorax margined, impressed each side: body above green, beneath black.
Inhabits *Keil*. *Fabricius Append.* p. 451.
- Læta.* Shells entire green: head and thorax golden.
Inhabits *Saxony*. *Oliv. Ins.* 32. tab. 5 fig. 50.
Head and thorax shining red-gold: shells green with a gold future: legs reddish.
- * *Salicis.* Shells entire, the upper half changeable green, lower reddish-purple: head and thorax fine blue.
Inhabits *Europe*. *Donov. Eng. Ins.* iv plate 127.
Antennae brown: thorax depressed margined: future of the shells brown, the edge golden: legs green.
- Sophoræ.* Shells very entire: body above green, beneath black: abdomen golden above.
Inhabits *Guinea*, on the *Sophora occidentalis*: small.
Head thorax and shells shining green: body beneath dull black.
- Discoidea.* Shells entire: body brassy villous: disk of the shells testaceous.
Olivier's Insects 32. tab. 7. fig. 65. and tab. 10. fig. 105.
Inhabits *Barbary*, on umbellate flowers.
Thorax channelled brassy with cinereous down: shells testaceous with a brassy border.
- Cyanea.* Shells entire rugged: body azure.
Inhabits *Saxony*. Body fine shining blue: eyes testaceous.

Gandens. Shells entire: body blue: thorax channelled: shells golden with an azure sutural stripe at the base.
Inhabits *Germany*. *Fabricius Append.* p. 451.
Head azure immaculate: *thorax* azure with a slight gloss of green.

* *Fuliginosa* Shells very entire sublinear glabrous hairy: thorax deflected: body footy.
Inhabits *England*. *Forst. Nov. Inf.* 1. p. 51. n. 51.
Antennae moniliform: is perhaps not of this genus.

Marginata. Shells very entire, black edged with yellow.
Inhabits *Denmark*. *Mull. Fn. Frid.* p. 18. n. 182.

Nebulosa. Shells very entire with slender striæ and whitish clouded dots: body above black, beneath whitish.
Inhabits *Hungary*. *Scopol. Ann. Hist. Nat.* 5. p. 104. n. 86.

Coccinea. Shells very entire, scarlet with 4 black ridges, the inner ones branched at the future: body brown bronzed punctured: thorax grooved.
Inhabits out of *Europe*. *Mus. Lesh.* p. 34. n. 734.
Thorax with villous grey grooves: space between the ridges of the shells with concatenate dots in a double row.

Quercus. Shells truncate ribbed: thorax oabicular with an impressed dot: body shining green.
Inhabits *Germany*. *Herbst. Ach.* 5. tab. 28. fig. 13.
About an inch long: *antennae* blackish: *legs* blue.

Rugosa. Shells truncate striate brown, with impressed interrupted wrinkles: thorax rough with an oblique impressed groove each side: body brassy punctured.
Inhabits——*Mus. Lesh.* p. 34. n. 739.

Stephanelli. Shells entire: body shining green-gold: thorax with 2 brown lines.
Inhabits *Calabria*. *Petagn. Inf. Calabr.* p. 23. n. 110.

Inaurata. Shells obtuse very entire brassy, with 10 striæ: body finely polished green-gold.
Inhabits near the *Ural* and *Volga*. *Pall. It.* 2. *Append.* 45.

- Rosacea.* Shells margined, rounded at the tip: thorax margined behind: abdomen brown, bronzed above.
Inhabits *Italy*, on flowers. *Scopol. Ent. Carn. n. 190.*
- Nigra.* Thorax and shells black: abdomen covered beneath with white down.
Inhabits *Denmark.* *Mull. Fn. Frid. p. 18. n. 183.*
- Nana.* Black polished: shells blue violet, finely polished.
Inhabits *Surinam.* *Degger. Ins. 4. p. 137. tab. 17. fig. 27.*
- Bruttia.* Black with whitish dots: thorax variolous dilated, paler with 5 shining black spots.
Inhabits *Calabria.* *Petagn. Inf. Calabr. p. 22. n. 108. fig. 20.*
- Hirsuta.* Black; villous: shells with scattered yellow villous tufts, the marginal ones red.
Inhabits *America.* *Herbst. Arch. Inf. 7. tab. 46. fig. 4.*
- 11-maculata.* Shining black, cylindrical: front with a yellow spot, thorax with 4, and shells with 3.
Inhabits *Hungary.* *Herbst. Arch. 5. tab. 28. fig. 23.*
- 6-maculata.* Shining black, cylindrical: head and thorax immaculate: shells with 3 yellow spots
Inhabits *Hungary.* *Herbst. Arch. 5. p. 121. n. 24.*
- Varicornis.* Blackish, villous: thorax lobate each side: shells acute.
Inhabits *Denmark.* *Mull. Zool. Dan. p. 59. n. 530.*
- Nævia.* Black; thorax varied with black and white.
Inhabits *Russia.* *Lepech. It. 1. p. 232 tab. 17. fig. 7.*
- Tartarica.* Black, beneath brassy: shells smooth golden with an impressed downy marginal fillet and parallel line.
Inhabits *Tartary.* *Pall. It. 1. Append. n. 10.*
Body short thick and obtuse.
- Linearis.* Mouse-colour bronzed, linear oblong: thorax 3-lobed behind.
Inhabits *America.* *Rolander.*

Picta. Brassy shining: shells violet-black with yellowish spots.
Inhabits *Ural*. *Pall. It. Append. n. 46*.

Ungarica. Fine green; beneath, front and sides of the thorax red-gold.

Inhabits *Hungary*. *Scopol. Ann. Hist. Nat. 5. p. 104. n. 85*.
Less than *B. rustica*. Shells rounded at the tip.

• *Granularis* Above clouded brassy, beneath black: antennæ clavate.
Inhabits *Europe*, is probably not of this genus.
Size of a flea: *thorax* with 5 grooves: shells striate.

45. **HYDROPHILUS.** *Antennæ* clavate, the club perfoliate: *feelers* 4, filiform: *hind-legs* formed for swimming, fringed on the inner side, and nearly unarmed with claws.

The Insects of this and the next genus *Dytiscus* are inhabitants of ponds and stagnant waters, where they swim with much dexterity turning round with great velocity; they fly abroad by night in search of other waters: the *males* are distinguished from the *females*, by having a horny concave flap or shield on the *fore-legs*, near the setting on of the feet: the *hind-legs* are peculiarly fitted for their aquatic situation, being furnished on the inner-side with a series of long and close-set filaments, resembling a fin, by which they are enabled to swim with great ease and celerity: the *larvæ* remain about $2\frac{1}{2}$ years before they change into *pupæ*, forming a convenient cell and secreting themselves in some bank; are extremely voracious and destructive to the more tender aquatic insects, worms and young fish, which they ravenously seize with their forked jaws, and destroy by sucking out their juice.

• *Piceus*. Glossy-black: sternum channelled, with a long spine pointing backwards, *Water-clock*.

Inhabits *Europe*. *Naturalists Miscellany. viii. plate. 298*.

The *larva* appears to have the legs seated on the upper part of the body near the back, but this is occasioned by the peculiar shape and position of the legs: the *female* spins a flattish circular kind of web, terminated by a long tapering horn, from which the young escape, as soon as they are hatched.

Olivaceus.

Olivaceus. Olive ; sternum channelled with a long recurved spine : shells emarginate

Inhabits *Coromandel*. *Act. Berol.* 4. tab. 7 fig. 2.

Body entirely olive or dull green smooth glabrous : antennæ and thighs piceous : spine on the sternum nearly as long as the body.

Atratus. Black ; shells striate rounded : sternum spinous behind.

Inhabits *South America* ; size of *H. Olivaceus*.

Body glossy-black : shells striate punctured : club of the antennæ ferruginous.

**Caraboides*. Black polished : shells substriate.

Inhabits *Europe*. *Schaeff. Icon.* tab. 33. fig. 10.

Lateralis. Glossy-black : edges of the thorax and shells yellow.

Inhabits *South America* ; half the size of the last.

Sternum projecting backwards into a sharp point, with a yellow dot in the middle : legs ferruginous.

Rufipes. Shining black ; legs rufous sternum with a recurved spine.

Inhabit *China* ; half the size of *H. caraboides*.

Antennæ ferruginous, the club brown ; body glabrous immaculate.

Emarginatus. Dusky-brown : shield emarginate.

Inhabits *Europe* ; adheres to aquatic plants.

Body gibbous, opaque : shield widely emarginate.

**Scaraboides*. Black ; shells striate : legs piceous.

Inhabits *Europe*. *Geoff. Ins. par.* 1. p. 85. *Scarabæus piceus*.

Picipes. Black ; legs piceous : shells smooth.

Inhabits *Germany*. Body smooth glabrous.

Orbicularis. Roundish ; body glabrous, black.

Inhabits *Germany* ; quite smooth and shining.

Subrotundus. Roundish ; glabrous black : shells striate.

Inhabits *America* ; a little less than the last.

Bicolor. Ovate ; above yellowish, beneath black.

Inhabits *Denmark*. : larger than *H. collaris*.

Fore-feelers longer than the antennæ : legs yellow.

Collaris. Black ; mouth, sides of the thorax and a few abbreviated lines on the shells ferruginous.

Inhabits *South America* ; body gibbous.

Antennæ and legs brown : edge of the shells ferruginous.

Undatus.

- Undatus*. Ovate, black: thorax pale: shells striate grey.
Inhabits *South America*; rather larger than *H. Luridus*.
Head glossy-black: *antennae* and *feelers* yellow: *thorax* with a double black dorsal line: *shells* obscurely waved with black: *body* black: *legs* yellow.
- Erythrocephalus*. Ovate, black; head, thorax and border of the shells rufous.
Inhabits——a little less than *H. Collaris*.
Legs rufous: *thighs* black.
- Hæmorrhoidalis*. Black: shells striate, tip with ferruginous: shanks ferruginous.
Inhabits *Germany*; less and more oblong than *H. orbicularis*.
- Marginellus*. Glossy-black: thorax and shells edged with rufous.
Inhabits *Germany*; size of the last.
Shells smooth: *legs* black: *tarsi* ferruginous.
- Striatus*. Glossy-black: shells striate, ferruginous at the base and tip.
Inhabits *Germany*. *Hydrophilus obscurus*. *Fabricius*.
Head and *thorax* smooth immaculate: *legs* subferruginous.
- * *Luridus*. Thorax and striate shells brown-cinereous: body black.
Inhabits *Europe*. *Degeer. Ins. 4. tab. 15. fig. 12.*
- * *Minutus*. Ovate black: shells and legs grey.
Inhabits *Europe*; makes a buzzing noise towards night.
- Griseus*. Above cinereous, beneath brown: legs cinereous.
Inhabits *Saxony*, size of *H. minutus*.
- * *Bipunctatus*. Thorax black edged with grey: shells brown with a whitish margin and dot behind.
Inhabits *Europe*; small.
Head black with a grey marginal dot each side: dot on the *shells* sometimes hardly visible.
- Pygmaeus*. Grey; head black behind: thorax yellowish.
Inhabits *South America*; very minute.
Shells smooth grey immaculate: *body* and *legs* darker.
- Tricolor*. Black; shells piceous edged with black and ochraceous at the tip: legs tawny.
Inhabits *Berlin*. *Herbst. Arch. 5. p. 122. tab. 28. fig. A. b.*

Cordiger.

- Cordiger.* Black ; shells and edge of the thorax ferruginous, the former with a common heart-shaped spot.
Inhabits *Berlin*. *Herbst. Arch.* 5. p. 122. tab. 28. fig. A. a. b.
- Rufus.* Rufous: shells very smooth darker, the outer edge whitish, 2-toothed before.
Inhabits *Italy*. *Scopol. Ent. Carn.* n. 298.
- Obscurus* Livid ; abdomen black: shells glossy with crowded dots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 69. n. 657.
Is probably no more than a variety of *H. Luridus*
- Pusillus.* Black ; shells very smooth: antennæ and tarsi brown.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 69. n. 658.
- Pilula.* Black ; above polished with crowded dots.
Inhabits *Europe*. *Mull. Zool. Dan.* p. 69. n. 659.
- Niger.* Glossy-black : shells finely striate with distant dots : antennæ and ends of the legs ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 35. n. 769.
- Ater.* Black glabrous : antennæ and shanks reddish.
Inhabits *Europe*. *Mus. Lesk.* p. 35. n. 774.

46. DYTISCUS. *Antennæ* setaceous: *feelers* 6, filiform: *hind-legs* formed for swimming, fringed on the inner side, and nearly unarmed with claws.

- **Laticornis* Black : margin of the shells dilated, with a yellow line.
Inhabits *Europe*. *Schaff. Icon.* tab. 277. fig. 1. 2.
The *male* is glabrous, the *female* grooved.
- Costalis.* Black : band on the head, edge of the thorax and costal streak on the shells ferruginous.
Inhabits *Surinam*.
Head black with a ferruginous band above the mouth and an impressed dot each side: *thorax* glabrous, black edged with ferruginous: *shells* glabrous, with 3 remote-punctured striae.
In the *female* the shells are semistriate and the ferruginous colour much more obscure.
- **Marginalis.* Black ; edge round the thorax and outer margin at the shells yellow.
Inhabits *Europe*. *Donovan's Eng. Ins.* v. plate. 161.
The fore-feet of the *male* have an hemispherical appendage with 2 circular cavities in the middle ; the *female* is semistriate.
Roeseletii.

- Roeselii*. Black; shield and edge of the thorax and shells white, the latter glabrous with 3 punctured striae.
Inhabits Germany. *Frisch. Ins. 13. tab. 1. fig. 7.*
Head black; *shield* white: *thorax* black with a white lateral edge: *shells* glossy-black, the outer margin whitish. *Female* rugged with striae.
- Punctatus*. Smooth; thorax testaceous, with 3 darker dots: shells brown edged with ferruginous.
Inhabits Germany. *Hoppe. Ins. Erlang. p. 32.*
Head black: *mouth* rusty-brown with a frontal brown spot: *body* beneath black: *legs* testaceous.
- Zonatus*. Above black, beneath testaceous: band on the thorax and edge all round and outer edge of the shells yellow.
Inhabits Germany. *Hoppe. Ins. Erlang. p. 33.*
Mouth yellow varied with black: *thorax* with a yellow margin and band across the middle: *legs* testaceous. *Male* with hemispherical appendages on the fore-feet.
- Limbatus*. Black; outer margin of the thorax and shells yellow: shells very smooth.
Inhabits China.
Lateral edge of the *thorax* only yellow; *sternum* abbreviated behind: *legs* black: *fore-thighs* ferruginous: *abdomen* black with 3 ferruginous dots each side.
- Ruficollis*. Black; front and thorax fulvous: shells with the outer edge and streak at the base testaceous.
Inhabits Siam.
Head fulvous edged with black and marked with 2 impressed dots: *shells* smooth glabrous black: *body* black: *fore-legs* yellow.
- * *Sulcatus*. Shells brown with 10 longitudinal villous grooves.
Inhabits Europe and America. *Donov. Eng. Ins. ii. t. 68. fig. 5.*
Head black: *mouth* and *eyes* yellow: *thorax* black edged and marked on the back with yellow: edge of the *shells* yellowish: *body* beneath and *legs* black.
- Fasciatus*. Shells yellow with 2 black bands and a black dot at the tip.
Inhabits India.
Head yellow: *thorax* yellow with a black dorsal line and 2 small red dorsal dots: *shells* smooth the sutures black: *body* black.
- * *Striatus*. Brown; thorax yellow with an abbreviated black band: shells finely striate transversely.
Inhabits Europe. *Degeer. Ins. 4. 339. 5. tab. 15. fig. 16.*
* *Fuscus*.

- Fuscus*. Brown : thorax edged with yellow : shells finely striate transversely.
Inhabits *Europe* ; less than *D. striatus*.
Head black : *mouth* yellow : *sides* of the *thorax* yellow : *shells* with 2 striae of impressed dots, edged with yellow : *body* black : *legs* ferruginous : *thighs* black.
- Lanio*. Black ; mouth, 2 dots on the crown and edges of the thorax rufous : shells brown.
Inhabits *Madeira*.
Shells brown with 2 lines of impressed dots.
- Cicurus*. Black, smooth : mouth, dot on the crown and edge of the thorax rufous : shells striate with yellow.
Inhabits the *Cape of Good Hope*.
Eyes silvery dotted with brown : *thorax* with a rufous dorsal line.
- Vittatus*. Black, smooth : shells with a yellow marginal fillet and a deep black spot at the base.
Inhabits *India*.
Head black : *mouth* yellowish : *thorax* black.
- Cinereus*. Cinereous : edge of the shells and half the thorax yellow.
Inhabits *Europe*, very common in waters.
Head black : *mouth* yellow : *body* beneath black, with yellow spots on the sides : *legs* black and yellow : *antennae* yellow.
- Griseus*. Cinereous ; shells with an indented black band.
Inhabits *India*.
Head yellowish with a transverse frontal black spot : *thorax* grey with 2 transverse black dorsal spots : *shells* with 3 lines of impressed dots, a black marginal spot in the middle and band behind : *body* beneath yellowish.
- Sticticus*. Palish ; shells grey with an oblong lateral black impressed dot.
Inhabits *Africa*.
On the *shells*. are 2 very obscure lines of brown dots.
- Opunctatus*. Black, glabrous : shells with 5 white dots.
Inhabits *New Holland*.
Antennae short ferruginous : *head* black : *front* palish : *thorax* black with a marginal pale dot each side : dots on the *shells* 2. 1.
2. *legs* brown.

Fuliginosus. Black : mouth and edge of the shells ferruginous : head immaculate.

Inhabits *Germany* ; size of *D. 2-pustulatus* :

Mouth ferruginous : *body* black : *legs* ferruginous.

**2-pustulatus*. Smooth, black : head with 2 red spots behind.

Inhabits *Europe*. *Schaeff. Icon. tab. 8. fig. 9.*

The red dots on the *head* are hardly visible to the naked eye.

Cinctus. Head and thorax yellow : shells black edged round with white.

Inhabits *America*. Suture of the shells white.

2-punctatus Black : thorax yellow with 2 black dots : shells variegated with yellow and brown.

Inhabits *Germany*.

Mouth subferruginous : *legs* ferruginous.

Fenestratus Above black, beneath ferruginous : shells with 2 transparent dots.

Inhabits *Hamburg*.

Head black with 2 ferruginous dots : *mouth* and *antennae* ferruginous : dots on the *shells* one in the middle and one near the tip.

Hybneri. Smooth, black : mouth and edge of the thorax ferruginous : shells with a marginal yellow line.

Inhabits *Germany*.

Shells smooth, the yellow line hardly reaching the tip.

Stagnalis. Smooth, black : thorax ferruginous before : shells brown with yellow lines.

Inhabits *Germany*.

Head black : *mouth* yellow : *thorax* ferruginous on the first half, the edge black : edge of the *shells* a little yellow : *body* black : *legs* yellow.

**Transversus*. Black ; thorax ferruginous before : edge of the shells and abbreviated streak at the base yellow.

Inhabits *Europe*. *Bergst. Nomencl. 1. tab. 5. fig. 6.*

Calidus. Black ; base and outer edge of the shells ferruginous ; sternum compressed projecting.

Inhabits *South America* ; size of the last.

Head black : *antennae* and *mouth* dull ferruginous : *shells* speckled with minute yellow atoms, yellow at the base, the scutellum future black : *legs* piceous : *sternum* exerted compressed.

Hermanni.

- Hermanni*. Gibbous; head thorax and base of the shells ferruginous: shells truncate.
Inhabits *Alsace*. *Dytiscus tardus*. *Act. Berol.* 4. t. 7. f. 3.
Head dull ferruginous: *orbits* black: *thorax* ferruginous, the fore and hind-edges black: *abdomen* ferruginous tip with black.
- Abbreviatus*. Black; shells with an abbreviated yellow streak at the base and 2 yellowish dots.
Inhabits *Germany*.
Head and *thorax* black, the edge obscure ferruginous: *legs* piceous.
- Gibbus*. Gibbous; ferruginous: shells black, pointed at the ends.
Inhabits *Germany*.
Head ferruginous, a little blackish at the base: *thorax* ferruginous, the hind-edge black: *shells* smooth, the base and edge obscurely spotted with ferruginous: *body* and *legs* ferruginous: *abdomen* tip with black.
- **Uliginosus*. Black polished: antennæ legs and outer side of the shells ferruginous.
Inhabits *Europe*. *Schaeff. Icon.* tab. 8. fig. 10.
- Irroratus*. Testaceous speckled with black: head and breast black.
Inhabits *America*.
Head black: mouth testaceous: *thorax* glabrous testaceous with 2 black dorsal dots: *abdomen* and *legs* testaceous.
- Agilis*. Black; mouth, thorax, edge of the shells and legs ferruginous.
Inhabits *Germany*; size of *D. hæmorrhoidalis*.
Head ferruginous, the hind-edge black; *body* black.
- **Maculatus*. Black; thorax with a pale band: shells varied with white and black.
Inhabits *Europe*.
- **Erythrocephalus*. Ovate oblong: head and legs rufous.
Inhabits *Europe*. *Degeer. Ins.* 4. 402. 12.
- Planus*. Ovate oblong, flat: black: shanks rufous.
Inhabits *Denmark*; size of the last.
- Varius*. Thorax rufous: shells striate with cinereous and black.
Inhabits *Patagonia*. In the Museum of *Sir. Jos. Banks*.
Head black: mouth and antennæ rufous: shells with numerous striæ, variegated with cinereous and black, the suture black, cinereous on the outer edge: *body* beneath piceous: *legs* ferruginous.

- Notatus.* Brown; thorax yellow with 4 black dots: shells with a yellow stripe near the suture.
Inhabits *Germany*. *Bergst. Nomencl.* 1. tab. 5. fig. 10.
Thorax varying, sometimes rufous, with black dots or an abbreviated black band: margin of the shells yellowish.
- Bicolor.* Above black with striate shells; beneath ferruginous.
Inhabits *Gninea*; something less than *D. notatus*.
Body above glossy-black: *mouth* rufous: *legs* ferruginous.
- Depressus.* Thorax ferruginous with 2 black dots at the base: shells brown with ferruginous spots.
Inhabits *Sweden*; small, depressed.
Head ferruginous: *eyes* black.
- 6-pustulatus.* Black; head ferruginous: shells with 3 rufous spots, that at the base larger.
Inhabits *Sweden*; very small:
Region of the *eyes* black: *thorax* black, ferruginous at the sides:
body black: *legs* ferruginous.
- **Palustris.* Smooth: shells with 2 lateral white blotches.
Inhabits *Europe*. *Thorax* ferruginous.
- **Ovatus.* Ovate, brown: head and thorax ferruginous.
Dyticus sphaericus. *Degeer. Ins.* 4. tab. 14. fig. 17—19.
Inhabits *Europe*. *Body* beneath ferruginous.
- Picipes.* Black; thorax ferruginous on the fore-part: shells with yellow lines.
Inhabits *Germany*.
Head black: *mouth* ferruginous: *thorax* ferruginous before, black behind: *shells* smooth black with numerous yellowish lines: *legs* piceous.
- Dorsalis.* Head, margin of the thorax, distinct spot at the base of the shells and unequal margin ferruginous.
Inhabits *Germany*; resembles. *D. 6-pustulatus*.
Antennae ferruginous tip with black: *thorax* and *shells* black edged with ferruginous: *body* black: *legs* ferruginous.
- Lituratus.* Black; shells with a pale blotch at the tip and pale at the base.
Inhabits *Italy*; small, depressed: *legs* piceous.
- Chrysomelinus.* Above cinereous, beneath black.
Inhabits *Germany*; small. *Legs* cinereous: *thighs* black.

- Signatus*. Black; head and thorax rufous with black marks.
Inhabits *Patagonia*.
Head rufous with a black band in the middle between the eyes:
thorax smooth rufous with a transverse black abbreviated line:
shells black, the edge a little rufous: *legs* ferruginous.
- 12-pustulatus*. Testaceous; shells black with 6 testaceous spots.
Inhabits——size of *D. chrysomelinus*.
Head and *antennæ* testaceous: *thorax* testaceous, the fore and hind margin black: spots on the *shells* 2, 2, 2. placed obliquely: *body* and *legs* testaceous.
- 8-pustulatus*. Black; front, sides of the thorax and 4 marginal dots on the shells ferruginous.
Inhabits Sweden; middle-sized:
Antennæ ferruginous: *thorax* margined black, the sides widely ferruginous, the edge itself black: *body* black spotted with ferruginous: *legs* rufous.
- Halenfs*. Black; thorax rufous, the base black in the middle with a rufous dot: shells cinereous striate with black.
Inhabits Germany; small, flat.
Head rufous immaculate: *thorax* rufous with a large black spot at the base, and in this a rufous dot; *shells* cinereous with numerous approximate confluent black striæ not reaching the base or tip; *body* black: *legs* rufous.
- **Granularis*. Black; shells with 2 yellowish lines: legs rufous.
Inhabits Northern Europe.
- Confluens*. Black; head and thorax ferruginous: shells pale with 4 black lines on the disk.
Inhabits Kiel in Germany.
Lines on the *shells* confluent behind: *legs* yellowish.
- Obliquus*. Ferruginous; shells with 5 oblique brown spots.
Inhabits Germany.
Outer spot on the *shells* hooked: *legs* ferruginous.
- **Impressus*. Oblong, yellowish: shells cinereous with striate impressed dots.
Inhabits Europe. *Body* oblong, tapering before.
Body, *head* and *thorax* yellowish: *eyes* black.

- Semipunctatus*. Oblong, ferruginous: head black at the base: shells dusky, punctured at the tip.
Inhabits *East India*; small, oblong.
Thorax glabrous, smooth ferruginous with a black dot in the middle: *shells* rusty-brown: *body* black: *legs* ferruginous.
- Crux*. Oblong, black: shells ferruginous with a black cross.
Inhabits *Italy*; very small; glossy-black.
Suture of the *shells* black crossed with a broad black bar: *legs* ferruginous.
- Geminus*. Oblong, black: thorax with 2 white dots: shells with 2 white lines at the base and dot at the tip.
Inhabits *Saxony*; minute: *legs* pale.
- Lineatus*. Ferruginous; shells brown with yellowish lines.
Inhabits *Alsace*. *Bergst. Nomencl.* 1. tab. 6. fig. 8, 9.
Head ferruginous, blackish at the base: *shells* mixed brown and cinereous or grey with a paler edge: through the middle of the *back* are distinct whitish lines.
- Inequalis*. Ferruginous; shells black, unequally ferruginous at the sides.
Inhabits *Sweden*.
Head ferruginous: *orbits* black: *thorax* ferruginous, black behind: *shells* smooth black, the edge ferruginous branching out into unequal lines: *body* beneath ferruginous.
- *Minutus*. Yellowish-brown: shells striate and marked with very short longitudinal black stripes.
Inhabits *Europe*. *Donovan's English Insects* ii. plate 68. fig. 1, 2.
Marks on the *shells* 3, 2. placed obliquely.
- Pygmaeus*. Ferruginous; shells black edged with ferruginous.
Inhabits *Denmark*; small.
Antennae black, ferruginous at the base: fore-edge of the *thorax* black in the middle: *shells* glabrous smooth.
- Reticulatus*. Ferruginous; disk of the shells black reticulate with ferruginous.
Inhabits——Small: *body* ferruginous.

Crafficornis. Brown ; head and thorax yellow : antennæ thickend in the middle.

Inhabits *Germany*. *Mull. Zool. Dan.* 779.

Antennæ yellow, the middle joints thickened and apparently cleft : *shells* brown, yellowish at the base.

Flavipes. Flat, black : base of the shells and legs ferruginous.

Inhabits *Denmark* ; small.

Head black with an impressed dot each side : *antennæ* ferruginous : *body* black : *legs* ferruginous.

Pictus. Ferruginous ; thorax black : shells pale, the suture and lateral spot black.

Inhabits *Germany*. *Thorax* something ferruginous at the edge.

Nigrita. Black immaculate : antennæ and legs ferruginous.

Inhabits *Germany* ; small, broad, glabrous.

Pufillus. Black ; thorax and shells edged with white.

Inhabits *Italy*. Tip of the *shells* white.

Parvus. Gibbous, black : thorax with a ferruginous band on the fore-part : shells with ferruginous spots.

Inhabits *Denmark* ; small, gibbous.

Head black : *front* and *antennæ* ferruginous : *shells* punctured, with numerous rufous spots : *body* black : *legs* rufous.

Ferrugineus Body entirely ferruginous.

Inhabits *Europe*. *Gmelin. Syst. Nat.* p. 1948.

Bimaculatus Testaceous ; shells with each a blackish spot.

Inhabits *France*. *Shells* substriate.

Ovalis. Shells brown with pale lines : thorax ferruginous : abdomen black.

Inhabits *Upsal*. *Thunb. Act. Ups.* 4. p. 19. n. 33.

Intricatus. Yellowish ; above black-green : shells with excavated striæ edged and tipped with yellow : thorax yellow.

Inhabits *Saxony*. *Act. Hall. Naturf.* 1. p. 311.

Verficolor. Fulvous ; shells with oblong black spots.

Inhabits *Saxony* ; resembles *D. minutus*. *Act. Hall.* 1. 313.

Schalleri.

- Schalleri*. Black; head thorax and legs ferruginous: shells brown, the outer edge rufous.
Inhabits Saxony. *Schall. Act. Hall.* 1. p. 313.
- Laminatus*. Fulvous; shells striate dotted with black: abdomen with 2 laminæ at the base.
Inhabits Saxony. *Schall. Act. Hall.* 1. p. 314.
- Aciculatus*. Margin of the thorax and shells and 3 spots on the abdomen yellow: shells with hollow decussating striæ.
Inhabits India. *Herbst. Arch. Inf.* 5. p. 123. n. 4.
- Fuscus*. Black; shells smooth brown: legs dull testaceous.
Inhabits Upper Austria. *Schrank. Inf. Aust.* p. 203. n. 382.
- Oculatus*. Head cinereous, the hind margin and 2 triangular frontal spots black: shells piceous edged round with yellow.
Inhabits Berlin. *Herbst. Arch.* 5. p. 135. n. 13.
- Ornatus*. Black, beneath piceous: mouth, spots on the shells and 2 round ones between the eyes, thorax and antennæ ferruginous.
Inhabits Berlin. *Herbst. Arch.* 5. tab. 28. fig. B.
- Unilineatus*. Black; divided edge of the shells and line half way down yellowish.
Inhabits Germany. *Schrank. Inf. Aust.* p. 204. n. 384.
- Dispar*. Black, smooth: mouth yellow: variegated shells and thorax piceous.
Inhabits Berlin. *Herbst. Arch. Inf.* 5. p. 126. n. 18.
- Sordidus*. Black; antennæ ferruginous tipped with black: legs piceous: shells deep black.
Inhabits Berlin. *Herbst. Arch. Inf.* 5. p. 126. n. 19.
- Insularius*. Beneath chestnut: head and thorax yellow: shells black punctured cancellate with a fulvous edge.
Inhabits Pomerania. *Herbst. Arch. Inf.* 5. p. 127. n. 20.
- Aquaticus*. Chestnut; eyes shells thorax and belly black: edge of the thorax and band across the middle chestnut: shells obscurely edged with ferruginous.
Inhabits Berlin. *Herbst. Arch. Inf.* 5. p. 127. n. 21.

Parvulus.

- Parvulus*. Beneath piceous: head and thorax fulvous: shells black, the edge and 2 striæ half way down yellow.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 127. n. 22.
- Piceolus*. Beneath black: head and thorax chestnut: shells piceous, with an obscure fulvous edge.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 127. n. 23.
- Simplex*. Black; head, edge of the thorax and shells, antennæ and legs piceous.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 127. n. 24.
- Capricornis*. Yellowish; belly and eyes black: middle joints of the antennæ much broader: shells brown with hollow dots.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. tab. 28. fig. C. and b. c.
- Variolosus*. Yellowish: beneath brown-yellow: eyes black: shells yellowish-green variegated.
Inhabits *Berlin*. *Herbst. Arch.* 3. p. 128. n. 26.
- Orbicularis*. Black, smooth: antennæ and legs ferruginous: thorax and shells yellow-brown pellucid with obsolete black spots.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 128. n. 27.
- Pedicularius*. Smooth; beneath thorax and shells brown: head black: legs piceous.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 5. p. 128. n. 28.
- Marginellus*. Black; thorax edged with yellow: shells yellowish, regularly punctured, with obsolete blackish spots.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 6. p. 129. n. 29.
- Seminulum*. Black, smooth: shells pellucid, chestnut tipped with red: legs ferruginous.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 6. p. 129. n. 30.
- Oblongus*. Dull black; head antennæ and legs ferruginous.
Inhabits *Berlin*. *Herbst. Arch. Ins.* 6. p. 129. n. 31.
- Zeylonicus*. Black; thorax and shells edged with yellow sternum unarmed.
Inhabits *Ceylon*. *Gron. Mus.* 2. p. 164. n. 552.

Gronovii. Black, smooth : antennæ ferruginous : head with 2 red spots behind.
Probably the same as *D. bipustulatus*. *Gron Mus.* 2. n. 555.

Scopolii. Black : edge and line across the middle of the thorax rufous : shells testaceous semipellucid, with an abrupt band behind and numerous black dots.
Inhabits *Italy*. *Scopol. Ent. Carn.* n. 295.

* *Glaber*. Brown ; shells glabrous : belly and legs ferruginous.
Inhabits *England*. *Forst. Nov. Ins.* 1. p. 55. n. 55.

* *Nebulosus*. Livid clouded with black : antennæ and legs ferruginous : belly black edged with ferruginous.
Inhabits *England*. *Forst. Nov. Ins.* 1. p. 56. n. 56.

* *Exoletus*. Livid ; antennæ head thorax abdomen and legs pale.
Inhabits *England*. *Forst. Nov. Ins.* 1. p. 57. n. 57.

Danicus. Black ; outer edge of the thorax and of the shells yellow.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 669.

Mulleri. Shells pointed glabrous, bipunctate at the tip.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 670.

Lacustris. Yellowish : thorax edged with yellow : shells with scattered red dots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 671.

Piceus. Black ; body beneath and margin of the thorax and shells ferruginous.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 673.

Fætidus. Ferruginous ; above black : outer margin of the thorax and shells yellow.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 674.

Comma. Yellowish : above brassy-black : shells with a yellowish line and outer edge.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 676.

4-punctatus. Ferruginous ; shells black with a white band spot and 4 dots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 71. n. 677.

Biocellatus..

- Biocellatus*. Rufous: shells bronzed, with white spots disposed longitudinally.
Inhabits Denmark. *Mull. Zool. Dan.* p. 72. n. 768.
- Erythromelas*. Black; antennæ and tarfi rufous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 72. n. 770.
- Roridus*. Yellow: thorax with a black spot in the middle: shells speckled with black.
Inhabits Denmark. *Mull. Zool. Dan.* p. 72. n. 771.
- Rubripes*. Black bronzed, polished: antennæ legs tipt of the shells and 2 dots ferruginous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 72. n. 772.
- Quadricolor*. Ovate, rufous: middle of the thorax black: shells brown the lower margin and dot at the base yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 780.
- Cimicoides*. Greenish; shells with a white lower margin and a few white spots.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 781.
- Velox*. Ovate, rufous: shells with 8 brown striæ.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 783.
- Nanus*. Black; thorax yellow on the fore-part: shells with an abrupt groove: legs piceous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 784.
- Rufifrons*. Black: thorax yellow each side: shells yellow at the base and sides: head and legs rufous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 785.
- Tricolor*. Rufous; shells yellow with a common black sinuate spot on the disk.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 786.
- Exilis*. Ovate, black: base of the antennæ and legs ferruginous: shells smooth.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 788.
- 4-pustulatus*. Black; shells with 4 yellow spots: legs rufous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 73. n. 789.
- Flavicans*. Black; above yellowish: thorax black behind: shells with black striæ and spots.
Inhabits Denmark. *Mull. Zool. Dan.* p. 74. n. 790.

- Nævius*. Fulvous with scattered black spots.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 189. n. 7.
- Fimbriatus* Brown ; shells yellow on the fore and outer side.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 190. n. 8.
- Rufipes*. Ovate, black : legs and base of the antennæ ferruginous : shells punctured subpubescent.
Inhabits *Europe*. *Mull. Zool. Dan.* p. 73. n. 782.
- Gibbus*. Yellowish ; head and thorax greenish : shells smooth.
Inhabits *Europe*. *Geoffr. Ins. par.* 1. p. 191. n. 11.
- 4 maculatus* Black ; thorax yellow : shells smooth with yellow spots and border.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 192. n. 13.
- Unistriatus* Black ; shells with yellow spots and border and a single stria.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 192. n. 14.
- Bilineatus*. Shells brown ; body beneath fulvous : thorax fulvous with a double black line.
Inhabits *Europe*. *Degeer. Ins.* 4. p. 400. n. 6.
- Seminiger*. Body beneath entirely black : thorax and shells dull brown edged with rufous.
Inhabits *Europe*. *Degeer. Ins.* 4. p. 401. n. 7.
- Nubilus*. Black ; above with grey spots and streaks : legs reddish-brown.
Inhabits *Europe*. *Degeer. Ins.* 4. p. 403. n. 11.
- Hyalinus*. Greenish ; shells hyaline with lateral whitish spots.
Inhabits *Europe*. *Degeer. Ins.* 4. tab. 15. fig. 21, 23.
Is about $2\frac{1}{2}$ lines long and swims very rapidly.
- Virescens*. Testaceous, above greenish : outer edge of the thorax and shells yellow, the latter striate ; hind-legs thicker.
Inhabits *Europe*. *Mus. Lesk.* p. 35. n. 778.
- Testaceus*. Testaceous ; fore and hind margin of the thorax brown, the middle livid : shells with a livid sutural line and marginal specks.
Inhabits *Europe*. *Mus. Lesk.* p. 35. n. 783.

- Niger*. Black: edges of the shells livid, longitudinally dotted with ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 784.
- Carbonarius*. Oblong-ovate; black; antennæ ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 788.
- Bilobus*. Oblong-ovate: black: mouth, 2-lobed, spot on the crown, thorax, sutural line on the shells, base, and edges yellow.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 789.
- Ferrugineus*. Ferruginous; head and hind margin of the thorax black; fore-part of the former, 2 spots between the eyes, thorax, sutural line and edges of the shells yellow.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 790.
- Flavus*. Yellow; mouth, 2 dots between the eyes, and outer edges of the thorax and shells ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 791.
- Tricoloratus*. Ferruginous; head thorax and shells rusty-brown: between the eyes 2 ferruginous spots: mouth and edges of the thorax and shells pale.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 792.
- Denigratus*. Black; mouth, 2 dots between the eyes and abdomen yellow, the segments with a black spot each side: shells brown with livid specks and outer edges.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 793.
- Unipunctatus*. Black; antennæ ferruginous: shells with a testaceous dot each side behind the middle.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 795.
- Biguttatus*. Black; legs, tip of the abdomen, antennæ, mouth, 2 dots between the eyes, thorax and shells testaceous; the latter spotted with brown: thorax with 2 black dots in the middle.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 796.
- 8-Maculatus*. Livid; thorax with a greenish cast: shells brown-livid, each with 4 connected livid spots and streaks behind the middle.
Inhabits *Europe*. *Mus. Lesk.* p. 36. n. 802.

Lividus.

Lividus. Livid; head narrow; thorax narrower before: shells with brown dots disposed in rows.
Inhabits Europe. *Mus. Lesh. p. 37. n. 805.*

4-lineatus. Black; shells deeply punctured, brownish with 4 yellowish branched lines and outer margins: legs ferruginous.
Inhabits Europe. *Mus. Lesh. p. 37. n. 809.*

Denticulatus. Piceous; mouth and antennæ ferruginous: shells glabrous with a pale 2-toothed band at the base, 3 spots and outer margin: fore-part of the thorax and legs pale.
Inhabits Europe. *Mus. Lesh. p. 37. n. 810.*

47. CARABUS. *Antennæ* filiform: *feelers* mostly 6, the last joint obtuse and truncate; *thorax* flat, margined: *shells* margined.

These insects are exceedingly active and quick in running; they devour the *larvæ* of other insects and all the weaker animals they can overcome: the *legs* are long, *thighs* compressed, *shanks* rounded and ciliate within, the *fore-ones* spinous before the tip: the *larvæ* are found under ground or in decayed wood.

A. *Feelers* 6.

a. *Thorax* heart-shaped.

Maxillofus. Apterous, black: mandibles exerted, as long as the head; thorax lengthened behind, 2-lobed.

Inhabits the *Cape of good hope.* *Oliv. Ins. 35. tab. 8. fig. 90.*

One of the largest of its tribe. *Antennæ* black tip with brown: *head* exerted: *front* flat: *shield* rounded entire: *mandibles* pointed entire: *thorax* lengthened behind with 2 impressed obtuse lamellæ: *shells* glabrous, slightly punctured.

Thoracicus. Apterous, black: thorax lengthened behind, 2-lobed, the sides and margin of the shells villous white.

Inhabits the *Cape of good hope.* *Herbst. Arch. tab. 47. fig. 12.*

* *Coriaceus.*

- **Coriaceus*. Apterous, black, opaque: shells connected, with irregular rough confluent dots.
Inhabits *Europe*. *Oliv. Inf.* 35. tab. 1. fig. 1.
Head and thorax irregularly dotted: body beneath shining.
- Glabratus*. Apterous, black: shells uniform.
Inhabits, *America*. *C. convexus*. *Herbst. Arch.* tab. 29. fig. 2.
Size of *C. violaceus*. Body entirely glossy-black.
- Marginalis*. Apterous, smooth, black: margin of the thorax and shells green-gold.
Inhabits *Prussia*. *Fabricius Append.* p. 440.
- **Violaceus*. Apterous, black: margins of the thorax and shells glossy violet: shells smooth.
Inhabits *Europe*. *Donov. Eng. Ins.* vii. plate 222. fig. 1.
- Purpurascens*. Apterous, black: margin of the thorax and shells violet: shells striate.
Inhabits *Germany*. *Schæff. Icon.* tab. 88. fig. 1.
- Catenulatus*. Apterous, black: margin of the thorax and shells azure: shells striate, with a triple row of impressed dots.
Inhabits *Germany*. Body much shorter than the last.
- Carolinus*. Apterous, black: thorax and shells green bronzed, the latter quite smooth.
Inhabits *South Carolina*; large.
Head black, brassy behind: thorax with an impressed dorsal line: shells very smooth bronzed: body and legs full black.
- **Cyaneus*. Apterous, black with a violet gloss: shells with rough confluent dots.
Inhabits *Europe*. *Paykull. Monogr.* 10. 2.
- Hispanus*. Apterous, black: thorax azure: shells rough golden.
Inhabits *Spain*; size of the last.
Margin of the shells azure; legs black.
- Monilis*. Apterous, black: thorax coppery: shells striate, green coppery, with 3 rows of raised oblong dots.
Inhabits *Saxony*; size of *C. hortensis*.
Head dull coppery: mouth and antennæ black: shells thickly striate, 3 of them something interrupted and composed of oblong dots.

* *Gemmatus*.

- **Gemmatus* Apterous, black : shells striate, with a triple row of hollowed 2-lobed bronzed dots.
Inhabits *Europe*. *Donovan's Engl. Ins.* vii. plate 222. fig. 2.
Body covered with a rich bronze, beneath black.
- **Hortensis* Apterous, black; shells a little rugged, with a triple row of hollowed bronzed dots, the margin azure.
Inhabits *Europe*. *Schaeff. Icon.* tab. 11. fig. 3.
Varies in being black or green bronzed.
- Concoloratus* Apterous, black : shells striate, with a triple row of hollow dots.
Inhabits *Germany*; less than *carabus hortensis*.
Head black with a coppery gloss, immaculate : *thorax* with a slight tinge of blue : shells striate with 9 rows of impressed dots not bronzed : body black.
- Irregularis*. Apterous; head and thorax coppery : shells more dusky, coppery at the margin, with 3 rows of indented coppery dots.
Inhabits *Germany*, in decayed Beech trees.
Antennae black, the first joint ferruginous : head coppery : mouth black : shells irregularly punctured, dusky, the edge and 3 rows of dots coppery : body black.
- Ædatus*. Apterous, black : shells nearly smooth, brown with 3 rows of indented dots.
Inhabits *North America*.
Shells brown, the future black.
- Arvensis*. Apterous, black bronzed : shells striate, with 3 rows of indented dots.
Inhabits *Germany*. *Paykull. Monogr.* 21. 10
Body glossy-black : head and thorax dull coppery : shells striate coppery at the margin.
- Hungaricus*. Apterous, black : shells quite smooth, with a triple row of dots of the same colour.
Inhabits *Hungary*: nearly twice as large as *C. convexus*.
Body totally black, and not coloured at the margins.
- Retusus*. Apterous : shells striate greenish, retuse at the the base, with 3 rows of indented bronzed dots.
Inhabits *Patagonia*; resembles *C. hortensis*.
Antennae brown, black at the base : head greenish : mouth black : thorax green, impressed each side at the base : shells with crenate striæ.

Maderæ.

- Maderae*. Apterous, black ; shells retuse at the base:
Inhabits *Madeira* ; resembles the last.
Antennae black, brown at the tip : *shells* slightly striate, impressed with 3 rows of very minute green dots : *legs* black.
- Convexus*. Apterous convex black smooth : thorax emarginate behind.
Inhabits *Germany*. *Schaeff. Icon. tab. 3. fig. 2.*
- * *Auratus*. Apterous ; shells gilt, bronzed : antennæ and legs rufous.
Inhabits *Europe*. *Schaeff. Icon. tab. 202. fig. 4.*
- Splendidus*. Apterous : above shining brassy : suture of the shells coppery.
Inhabits *Jamaica* ; large.
Head with 2 grooves bronzed : *mouth* and *antennae* black : *thorax* channelled : *body* black.
- Auronitens*. Apterous ; shells green, rough with raised lines : thighs rufous.
Inhabits *Saxony*. A species between *C. auratus* and *nitens*.
Mouth and *feelers* black : *antennae* black, the first joint rufous : *head* and *thorax* shining coppery : *shells* rough shining, with 3 raised black lines, the inner one longer : *body* black. *thighs* rufous : *shanks* piceous : *tarfi* black.
- Suturalis*. Apterous : shells striate green with a gold suture.
Inhabits *Terra del fuego*.
Antennae brown, ferruginous at the base : *head* green : *mouth* brown : *thorax* green with a gold margin : *shells* substriate, with 3 rows of obsolete ferruginous dots : *breast* greenish : *abdomen* black : *legs* ferruginous, black at the ends.
- Morbillosus*. Apterous ; thorax coppery : shells striate coppery, with rough grooves and raised longitudinal dots.
Inhabits *Mauritania* ; resembles *C. granulatus*.
Head and *antennae* black : *thorax* with an impressed line at the base each side : *body* black.
- Rugosus*. Apterous, black : shells striate, the striæ rough with rows of raised dots between them.
Inhabits *Morocco* ; twice the size of *C. granulatus*,
Thorax rugged : *shells* with rugged striæ and 3 rows of raised dots : *body* glossy-black.

- **Granulatus*. Apterous, blackish bronzed: shells striate, with 3 rows of raised oblong dots between the striæ.
Inhabits *Europe*. *Donovan's English, Ins. vii. plate. 222. f. 3.*
First joint of the *antennae* rufous: body sometimes totally blackish.
- **Clathratus*. Apterous, blackish bronzed with rows of coppery indented dots between the striæ.
Inhabits *Europe*. *Oliv. Ins. 35. tab. 2. fig. 13.*
Shells striate, between the striæ are longitudinal raised dots, and between these hollowed coppery ones.
- **Nitens*. Apterous; shells rough green with longitudinal raised lines, the edge golden: legs black.
Inhabits *Europe*. *Schaeff. Icon. tab. 51. fig. 1.*
- **Rostratus*. Apterous; shells smooth black: thorax narrower: head very narrow.
Inhabits *Europe*. *Degeer. Ins. 4. tab. 3. fig. 13.*
Cychrus rostratus. *Fabricius. Append. p. 440.*
- Attenuatus*. Apterous, black: shells slightly coppery with 3 rows of raised dots: thorax narrower: head very narrow.
Inhabits *Germany*. *Panz. Fn. Germ. 2. tab. 3.*
Cychrus attenuatus. *Fabricius. Append. p. 441.*
- Elevatus*. Apterous: thorax reflected at the margin: shells violet: body black.
Inhabits *South America*; size of the last.
Head slender projecting black: thorax brown: shells striate shining violet: body black.
- Unicolor*. Apterous; thorax with a reflected margin: body black: shells striate black.
Inhabits *South America*; larger than the last.
Head exerted narrow: mandibles prominent.
- Attelaboides*. Apterous, black: thorax subcordate narrower: head tapering behind: shells grooved truncate.
Inhabits *India*.
Head projecting, a little retuse: eyes testaceous: thorax punctured: shells with 9 equal grooves: body black.
- **Leucophthalmus*. Apterous, black: shells striate: thorax with impressed lines at the base.
Inhabits *Europe*. *Schaeff. Icon. tab. 18. fig. 1.*

Planus.

- Planus*. Winged, depressed, black : shells substriate.
Inhabits *Germany* ; larger than *C. leucophthalmus*.
Thorax without impressed lines : shells slightly striate.
- Striatulus*. Winged, black : thorax with an impressed dot each side at the base : shells striate, glabrous in the middle:
Inhabits the shores of *Patagonia*.
Head glossy-black with a small impressed line each side above the mouth : striae on the shells gradually lessening and forming a glabrous space in the middle.
- * *Arenarius* Winged, pale : shells with 2 black dorsal spots.
Found in the sandy shores of *Wales*.
Jaws exerted pale tip with black : head pale : eyes testaceous : shells striate pale with 2 common angular full black spots.
- Sabulosus*. Winged, pale : head and dorsal spot on the shells black.
Inhabits *Saxony* *Oliv. Ins.* 35. tab. 10. fig. 108.
Head glossy-black : mandibles pale tip with black : shells striate pale with a common black spot reaching from the base below the middle : body blackish : legs pale.
- * *Lateralis*. Winged, black : thorax and shells edged with ferruginous.
Inhabits *Europe*. Legs ferruginous : thighs black.
- * *Ruficornis* Winged, black : shells grooved, a little downy : antennæ and legs rufous.
Inhabits *Europe*. *Paykull. Monogr.* 121. 74.
Shells sometimes with a changeable gold-gloss.
- Fulvipes*. Winged black : thorax channelled : shells striate smooth : antennæ and legs rufous.
Inhabits *Germany* ; half the size of the last.
Head glossy-black : antennæ and feelers rufous : thorax with an impressed dot each side at the base : body glossy-black.
- Picicornis*. Winged, black : head antennæ and legs rufous.
Inhabits *Italy* ; size of the next
Head dull rufous immaculate : antennæ rufous, pale ash at the tip : thorax black, channelled in the middle : shells striate : body black : tip of the abdomen and legs rufous.
- Flavicornis* Winged, black : edge of the thorax antennæ and legs yellowish.
Inhabits *Saxony*. *Paykull. Monogr.* 47. 27.
Shells striate, in one sex rufous at the future.

- * *Piceus*. Winged; thorax channelled, with 2 striae each side: antennae and shanks piceous.
Inhabits *Europe*. *Schæff. Icon. tab. 18. fig. 9.*
Shells striate: legs piceous: thighs black.
- Femoralis*. Winged; head and thorax brassy: shells striate more dusky: thighs rufous.
Inhabits *Sierra Leona*. size of *C. ruficornis*.
Antennae brown, the first joint rufous: *thorax* with an impressed line each side: shells striate, black with a brassy splendor: body black.
- * *Madidus*. Winged; thorax with a large impressed dot each side at the base: thighs rufous.
Inhabits *England*. *Paykull. Monogr. 28. 15.*
Body black, appearing as if smeared over with moisture: antennae brownish at the tip: abdomen obtuse.
Varies in having the thighs sometimes black.
- Terricola*. Winged, glossy-black: shells with smooth striae: tip of the antennae and legs rufous.
Inhabits *Germany*, under stones. *Payk. Monogr. 31. 17.*
Head deep black: feelers and tip of the antennae rufous: thorax channelled, with an impressed line each side at the base.
- Americanus*. Winged, black: thorax antennae and legs ferruginous.
Inhabits *America*. *Degeer. Ins. 4. tab. 17. fig. 21.*
Four times as large as *C. crepitans*. Head black.
- Janus*. Winged: thorax ferruginous: shells azure.
Inhabits *Carolina*; size of *C. fumans*.
Antennae villous black, the first joint rufous: head projecting cylindrical brown: body black: legs ferruginous.
- Fumans*. Winged, ferruginous: shells black-blue
Inhabits *America*. Shells azure with a blackish-gloss.
- * *Crepitans*. Winged; head thorax and legs ferruginous: shells black.
Inhabits *Europe*. *Schæff. Icon. tab. 11. fig. 13.*
Eyes black: shells and abdomen black with a blue gloss.
When terrified makes a noise by rubbing the shells together.
- Scolopeta*. Ferruginous; shells azure, the suture ferruginous at the base.
Inhabits *France*, very common under stones.
Suture of the shells rarely the same colour.

- * *Spinibarbis*. Winged, azure: mouth antennæ and shanks rufous.
Inhabits *England*. Head prominent.
- Eneocephalus*. Winged, blueish-black: shells striate with a rufous spot behind.
Inhabits *South American Islands*.
Head shining brassy-green: antennæ black, the first joint rufous: thorax punctured brassy-green with an impressed line each side at the base: legs yellowish.
- Humeralis*. Winged, black: shells striate with a rufous spot at the base: legs rufous.
Inhabits *Italy*; small. *Paykull. Monogr.* 40. 23.
Head black; antennæ and feelers rufous: thorax channelled black, the edge a little rufous: body black: abdomen rufous, black at the sides.
- Variolosus*. Thorax subcordate: black; shells azure: base of the abdomen and legs rufous.
Inhabits *Austria*. *Fabricius Append.* p. 441.
Head black punctured: antennæ and feelers rufous: thorax punctured dusky: shells abbreviated subtruncate striate.
- Axillaris*. Ferruginous; shells striate black with a pale spot at the base,
Inhabits *Austria*. *Fabricius Append.* p. 441.
Head dull rufous: thorax rufous: shells abbreviated: legs pale.
- Trilobus*. Winged, green bronzed: shells with 2 white spots: antennæ and legs yellow.
Inhabits *Aquapim* in *Guinea*. Size of *C. cupreus*.
Head brassy green: mouth and antennæ yellowish: thorax channelled in the middle: shells striate, with 2 yellowish spots, the hind-one 3-lobed: body beneath black.
- * *Multipunctatus*. Winged, slightly bronzed: shells with numerous irregular impressed dots.
Inhabits *Europe*. *Paykull. Monogr.* 49. 29.
- Oblongopunctatus*. Winged, black: shells striate with numerous impressed dorsal dots.
Inhabits *Germany*. *Paykull. Monogr.* 53. 33.
Outer margin of the shells punctured like the disk.

- Cinctus*. Winged, brown: head and thorax green bronzed: margin of the shells and legs pale.
Inhabits *Coromandel*. *Herbst. Arch. tab. 29. fig. 7.*
Shells striate, more dusky, thickened towards the tip: *body* brown: edge of the *abdomen* pale: *legs* pale.
- Rufipes*. Winged, black; antennæ legs and margin of the shells rufous.
Inhabits——middle-sized.
Head, thorax and *shells* striate black opaque.
- Nitidulus*. Winged, black: margin of the shells shining brassy.
Inhabits *Kamtchatka*: size of *C. cupreus*.
Head and *thorax* black with a coppery gloss: *shells* striate, the striæ alternately punctured, black at the suture, longitudinally coppery in the middle and towards the margin shining brassy: *legs* black.
- Ruficollis*. Winged; thorax ferruginous: shells truncate striate green: head flat black.
Inhabits *South America*; middle sized.
Antennæ black tipped with brown: *thorax* elongated, slightly channelled: *abdomen* black: *tail* ferruginous: *legs* black: *thighs* rufous at the base.
- Oleus*. Winged; thorax rufous: shells brown with 3 rufous spots.
Inhabits *Italy*. *Ross. Fn. Etr. tab. 5. fig. 2.*
Body elongated, depressed, resembling a *Cicindela*.
Antennæ ferruginous, the first joint longer: *head* glossy-black: *mouth* ferruginous: *shells* slightly striate with 2 spots at the base and a common one at the tip; *legs* rufous.
- Agilis*. Winged, rufous: shells and abdomen black.
Inhabits *Upsal*. *Paykull. Monogr. 102. 64.*
Crown of the head black: *shells* truncate.
- Fasciatus*. Winged; thorax rufous: shells yellowish with a common black band: legs rufous.
Inhabits *Sweden*. *Paykull. Monogr. 97. 60.*
- Marginellus*. Winged, black: thorax rufous: shells pale edged with black.
Inhabits *Germany*. *Fabricius Append. p. 442.*
Head glossy-black: *mouth* and *antennæ* rufous: *shells* truncate, shorter than the *abdomen*: *legs* rufous.

* *Atricapillus*. Winged; thorax rufous: shells obtuse testaceous: head black.

Inhabits *Europe*; is probably a variety of *C. agilis*.

Varies frequently in having the *shells* edged with black.

4-pustulatus Winged, yellow: shells brown with 2 yellow spots.

Inhabits equinoctial parts of *Africa*: small.

Antennae brown: *thorax* yellow with an impressed dorsal line; *shells* substriate truncate.

Oblongus: Winged, black: thorax oblong: shells striate brown: antennæ and legs yellow.

Inhabits *Germany*; small.

Thorax channelled: *shells* with crenate striæ: *abdomen* piceous.

Albipes. Winged, blackish: antennæ and legs pale.

Inhabits *Germany*; small.

Thorax blackish polished: *shells* striate.

Rubens. Winged; thorax ferruginous: shells rounded testaceous: head brown.

Inhabits *Germany*; resembles *C. atricapillus*. *Shells* striate.

b. *Thorax* narrowed behind.

10-guttatus Apterous, black: shells with 9 grooves and 10 white dots.
Inhabits *Africa*. *Oliv. Ins.* 35. tab. 9. fig. 15. C.

6-guttatus. Apterous, black: shells smooth with 2 grey dots.
Inhabits *India*. *Oliv. Ins.* 35. tab. 1. fig. 6. large.
Shield square entire: *jaws* projecting curved: *thorax* black with a grey dot each side: *shells* with 2 grey hairy dots: *legs* black.

Venator. Apterous, black: shells smooth with a grey spot at the base.
Inhabits *Senegal*. *Oliv. Ins.* 35. tab. 10. very large.
Head projecting very large: *front* impressed each side: *shells* with a villous grey spot at the base.

Sulcatus. Apterous, black: thorax edged with white: shells grooved, the edge and 3 spots white.
Inhabits *Senegal*. *Oliv. Ins.* 35. tab. 8. fig. 97.
Shells with a small oblique white line at the base, a white dot before, another behind the middle and one at the tip.

6-maculatus.

- 6-maculatus.* Apterus, black : thorax edged with white : shells substriate with 3 white spots.
Inhabits *Barbary*; about half the size of *C. 6-guttatus*.
Antennæ black, with whitish down above: *thorax* channelled in the middle with a lateral white edge interrupted in the middle: *shells* substriate with a large villous white spot at the base, one a little less behind the middle and another at the tip; the edge before the tip is also white.
- 7-guttatus.* Apterus, black : above brown : shells striate with 7 white dots.
Inhabits the *Cape of Good Hope*. *Fabricius Append. p. 442.*
Shells with a humeral dot and a common one behind the base, one in the middle near the suture and another near the tip.
- Nimrod.* Apterus, black : shells grooved with 2 remote villous grey spots : thorax immaculate.
Inhabits *Senegal*. *Oliv. Ins. 35. tab. 10.*
- Aetæon.* Apterus, black : shells grooved with 2 remote grey spots : thorax with 2 large tubercles.
Inhabits the *Cape of good hope*. *Oliv. Ins. 35. tab. 2. fig. 15. A.*
Front with 2 grooves : *thorax* channelled, with 2 large piceous tubercles and a small grey dot each side : *shells* grooved, with raised lines, and sometimes 3 grey dots.
- Tabidus.* Apterus, black : shells with rugged grooves.
Inhabits the *Cape of good hope*; half the size of the last.
Front grooved each side : *thorax* with 2 raised dorsal lines not reaching to the fore-margin : *shells* a little pointed behind : *body* deep black.
- Nigripennis* Apterus, rufous : shells grooved black.
Inhabits the *Cape of good hope*. *Voet. Scarab. 1. tab. 36. fig. 28.*
Head, antennæ and *thorax* dull rufous : *shells* truncate : *body* black with a ferruginous spot at the base : *legs* ferruginous.
- Variegatus.* Apterus ; shells flat smooth, with a white sinuate margin and spots on the disk.
Inhabits the *East*. *Forsk. Icon. tab. 24. fig. A.*
Eyes testaceous : *thorax* with a whitish lateral margin : *shells* with 5 white dots on the disk : *body* black.
- Exclamatoris.* Apterus ; thorax edged with white : shells with a white margin line and dot in the middle.
Inhabits *Barbary*; resembles *C. trilineatus*.
Outer margins of the *thorax* and *shells* white, the latter with a streak at the suture, line at the base in the middle, and dot behind this : *body* black.

Trilineatus.

Trilineatus. Apterous, black: edges of the thorax white: shells whitish with a black suture and line.

Inhabits Germany. *Herbst. Arch. tab. 47. fig. 6.*

Head sometimes immaculate, sometimes with 2 whitish lines: thorax black, villous white at the sides.

Cicindeloides. Apterous, black: shells ovate flat ferruginous villous edged with white.

Inhabits the Cape of good hope. *Stockh. Trans. 1787, 3, 24.*

* *Cephalotes*. Winged, black, very smooth: thorax convex.

Inhabits Europe. *Schaeff. Icon. tab. 11. fig. 1.*

Lævigatus. Winged, depressed, black: thorax and shells very smooth.

Inhabits Coromandel. Body flat glabrous immaculate.

Interruptus. Winged, black: thorax and shells remote.

Inhabits the East. *Herbst. Arch. tab. 29. fig. 4.*

Head as wide as the thorax: thorax emarginate before, narrowed behind, rounded and remote from the abdomen: shells striate.

Tricuspidatus. Winged, black: antennæ and legs ferruginous: shield tricuspidate.

Inhabits Barbary; middle-sized.

Mandibles arched unarmed: head punctured: thorax punctured hairy: shells with crenate striæ: body black: legs ferruginous.

Calydonius. Winged; head with a projecting obtuse horn: mandibles horned.

Inhabits Italy. *Ross. Fn. Etr. tab. 8. fig. 8, 9.*

Head large with a large compressed horn before: mandibles with a strong recurved tooth: shells striate punctured: body black.

Complanatus. Winged, yellowish: shells with 2 black bands.

Inhabits St. Domingo.

Head prominent and with the antennæ rufous: thorax channelled rufous immaculate: shells striate truncate, with 2 waved bands.

Bimaculatus. Winged, black: shells with a ferruginous dot at the base and band in the middle.

Inhabits India. *Sulz. Hist. Inf. tab. 7. fig. 5.*

Thorax sometimes yellow or black or spotted: shells truncate.

Tripustulatus. Winged, black: 2 spots on the shells and legs yellow.
 Inhabits *Siam*; probably a variety of the last.
Head flat smooth black: *mouth* testaceous: *thorax* flat smooth:
shells striate, the lower spot common: *fore-shanks* 1-toothed.

6-pustulatus. Rufous; shells black with 3 red dots.
 Inhabits *East India*.
Shells striate, the spot at the tip lunate: *abdomen* rufous edged
 with black: *legs* rufous.

c. *Thorax square*.

Variolosus. Apterous, black: shells with variolous impressed dots.
 Inhabits *Transylvania*. Large and entirely black.
Antennae black tipped with brown: *shells* connected.

Striola. Apterous, depressed, black: thorax with 2 impressed lines
 each side at the base: shells striate.
 Inhabits *Saxony*; resembles *C. leucophthalmus*.
Shells striate, broader on the hind-part.

Metallicus. Apterous, black: thorax with impressed lines each side at
 the base: thorax and shells bronzed.
 Inhabits *Saxony*; a little less than the last.
Head black: *feelers* subterruginous: *thorax* channelled in the
 middle with 2 lines at the base: *shells* slightly striate: *body*
 black.

Gibbosus. Winged, gibbous; above black, beneath piceous: shells
 grooved.
 Inhabits *Germany*. *Shells* striate: *fore-shanks* 2-spined.

Politus. Winged, glossy-black: shells striate: antennae rufous.
 Inhabits *East India*; size of *C. leucophthalmus*.
Antennae rufous, the first joint black: *head* large exserted: *lip*
 heart-shaped: *thorax* channelled, impressed each side at the
 base.

d. *Thorax rounded, the edge a little prominent and obtuse*.

Calidus. Apterous, black: shells with crenate striæ, the striæ equal
 and marked with a triple row of indented gold dots.
 Inhabits *American Islands*.
Antennae reddish at the tip: *shells* with raised crenate striæ and a
 single gold dot each side near the base.

Alternans.

- Alternans.* Apterous, black: shells with reticulate striæ alternately broader and marked with a triple row of raised bronzed dots, retuse at the tip.
Inhabits *South American Islands*; resembles *C. calidus*.
Antennæ black, cinereous at the tip: *head* larger: *eyes* globular prominent testaceous: *shells* deeply striate and crossed with lesser ones, the longitudinal striæ alternately broader, and besides these are 3 striæ of oblong raised bronzed dots: *legs* black.
- Sericeus.* Apterous, black: thorax with an impressed dot each side at the base: shells substriate, with a triple row of bronzed dots.
Inhabits *Germany*; size of *C. calidus*.
Antennæ black tipped with brown: *body* black.
- Porcatus.* Apterous, black: shells striate, granulate at the tip.
Inhabits *New Holland*; middle-sized.
Striæ of the *shells* with raised oblong interrupted granulations at the outer margin and tip: *body* glossy-black.
- Reflexus.* Apterous, black: shells grooved, with 2 yellow spots.
Inhabits *Coromandel*.
Head black, impressed each side: *thorax* unequally punctured, a little reflected at the edge: *shells* closed with 8 grooves and 2 transverse yellow spots.
- Angulatus.* Apterous, hairy, black: thorax channelled: shells grooved, with 2 interrupted yellow bands.
Inhabits *Coromandel*; resembles the last.
Shells with large yellow spots in the middle, forming interrupted bands.
- Cassideus.* Apterous, black: thorax margined: shells smooth.
Inhabits *Paris*; rather small.
Feelers obtuse truncate and nearly hatchet-shaped: *thorax* sub-punctured, widely emarginate behind: *shells* finely punctured, slightly notched at the end; *hind-thighs* ferrate.
- Silphoides.* Apterous, black: thorax margined: shells striate punctured, with rows of larger punctures.
Inhabits *France* and *Italy*. *Ross. Fn. Etr.* 215. *tab.* 1. *fig.* 7.
Thorax flat punctured slightly channelled: *shells* with obsolete raised lines and larger impressed dots on each side of which are lesser ones, slightly notched at the end.

Globosus. Apterous, black: thorax convex: shells striate.
Inhabits *Morocco*.

Antennae black, piceous at the tip: *head* with 2 abbreviated impressed lines before: *thorax* channelled glabrous.

Indagator. Apterous, black: shells very smooth, with a triple row of bronzed dots.

Inhabits *Barbary*. *Body* large short and broad.

**Sycophanta* Winged, glossy-violet: shells striate golden.

Inhabits *Europe*. *Schaeff. Icon. tab. 66. fig. 6.*

The *larva* is black and preys on the *larvae* of moths.

**Inquisitor.* Winged; shells striate green bronzed, with a triple row of dots.

Inhabits *Europe*. *Bergst. Nomencl. 1. tab. 12. fig. 3.*

Varies in having the *shells* brassy or black.

Scrutator. Winged; shells striate green with 3 rows of dots: thorax azure, with a reflected gilt margin.

Inhabits *Virginia*; resembles the last.

Thorax violet with a reflected margin: edge of the *shells* golden: *abdomen* green with gold spots.

Varies in having the *abdomen* entirely violet.

Reticulatus. Winged, black: shells reticulate brassy-green: margin of the thorax greenish.

Inhabits *Europe*; size of *C. inquisitor*.

Antennae black, the last joint ferruginous: *thorax* reflected with a green-gold margin: *shells* finely reticulate, with a green gloss.

Longicornis. Winged, black: head and thorax punctured: shells with crenate striae: antennæ and legs ferruginous.

Inhabits *Morocco*.

Antennae ferruginous, nearly as long as the body: *thorax* rounded at the sides: *thighs* blackish.

Brevicollis. Winged, black: antennæ ferruginous.

Inhabits *Germany*; small.

Head glossy-black: *antennæ* and *feelers* ferruginous: *thorax* with an impressed line in the middle: *shells* with connected striae: *body* black: *shanks* ferruginous.

Punctilatus.

Punctulus. Winged, depressed, black : shells punctured substriate retuse at the base.

Inhabits *Saxony*. *Paykull. Monogr.* 34. 19. *C. depressus*.

Antennae short brownish : shells when examined through a glass finely striate punctured and retuse in the middle at the base : *shanks* spinous.

Micans. Winged ; shells shining gold with a testaceous spot at the tip ; legs rufous.

Inhabits—— Size of *C. ruficornis*.

Head coppery : *antennae* piceous : *thorax* channelled : shells dusky with a gold gloss in a certain direction, striate, with a sinuate testaceous spot behind : *body* black.

**Obscurus*. Winged, black : thorax punctured : shells striate legs piceous.

Inhabits *Europe* ; a little larger than *C. ruficornis*.

Legs sometimes dull piceous, sometimes rufous.

Sulcatus. Winged, black : thorax variolous : shells grooved with a ferruginous spot in the middle.

Inhabits the *Cape of good hope*. *Fabricius. App.* p. 443.

Body black, middle sized : *antennae* black, ferruginous at the base.

Bicolor. Winged ; above black, beneath ferruginous.

Inhabits *North America* ; size of the last.

Body beneath, *legs* and *antennae* ferruginous : shells striate.

Holosericeus Winged, silky-black : head shining brassy.

Inhabits *Germany*. *Paykull. Monogr.* 110. 69.

Mouth and *antennae* black : shells striate : *legs* black.

2-notatus. Winged, black : head with 2 frontal rufous dots : *antennae* yellow at the base.

Inhabits *Germany*.

Head smooth polished with 2 impressed dots and between these 2 most minute ones : *thorax* glabrous : shells striate. *Legs* black or red.

Punctulatus Winged, black ; shells striate, with impressed dots between the striae.

Inhabits *Barbary* ; middle-sized.

Antennae black tipped with brown : shells a little sinuate at the tip, the dots with a slight gold gloss.

Fulvicollis.

Falvicollis. Winged, azure : mouth thorax and thighs rufous : shells striate truncate.

Inhabits *Barbary* ; size of the last.

Antennae black, the first joint rufous tipped with cinereous : *head* azure : *lip* and *feelers* rufous : *shells* striate truncate azure immaculate : *body* azure.

**Pilicornis*. Winged ; shells striate, with impressed dots : antennæ hairy.

Inhabits *England*. *Paykull. Monogr.* 78. 47.

Antennae rough with longish hairs, ferruginous, the first joint brassy : *thorax* bronzed, with 3 impressed dots : *legs* rufous : *thighs* black : *body* sometimes black sometimes brassy.

**Cærulif-cens*. Winged, blueish-black : shells striate : antennæ red at the base.

Inhabits *Europe*. *Schæff. Icon. tab.* 88. *fig.* 3. 4.

Colour of the *body* very changeable ; blueish, bronzed, coppery or green.

Lepidus. Winged, green bronzed : thorax with 2 striæ each side : shells striate.

Inhabits *Lusace*. *Lesk. It.* 2. *tab.* A. *fig.* 6.

Body violet-black with a brassy-green gloss above : *thorax* channelled, with 2 impressed approximate lines each side behind ; *shells* striate impunctured : *colour* a changeable bronze blackish or blueish.

Lotus. Winged : head and thorax coppery : shells striate black : antennæ and legs rufous.

Inhabits *Northern Europe* ; less than *C. lepidus*.

Thorax with an impressed line in the middle and 2 approximate ones each side at the base : *body* black.

Schach. Winged, black : shells striate with an oblong large rufous spot behind : antennæ and legs rufous.

Inhabits *South American Islands* ; size of *C. pilicornis*.

Shells with crenate striæ : *body* black.

**Cypreus*. Winged, coppery : antennæ red at the base.

Inhabits *Europe*. *Degeer. Ins.* 4. *tab.* 3. *fig.* 15.

Carnifex. Winged, brassy-green : antennæ and legs rufous.

Inhabits *Terra del fuego* ; small.

Head bronzed : *mouth* ferruginous : *thorax* impressed each side behind : *shells* striate, a little retuse at the tip : all the *legs* ferruginous.

* *Vulgaris*.

- * *Vulgaris*. Winged ; above black bronzed : antennæ and legs black.
Inhabits *Europe*. *Schæff. Icon. tab. 18. fig. 2.*
Body beneath black.
- Latus*. Winged, black : shells with crenate striæ : antennæ and legs ferruginous.
Inhabits *Europe*. *Schæff. Icon. tab. 194. fig. 7.*
Body beneath sometimes black, sometimes ferruginous.
- Abdominalis*. Winged, black : antennæ disk of the abdomen and legs ferruginous.
Inhabits the *Cape of good hope* ; size of the last.
Head black polished : antennæ and feelers ferruginous : shells striate : breast and disk of the abdomen ferruginous.
- Ovatus*. Winged, black : shells smooth striate : antennæ and legs ferruginous.
Inhabits *Saxony* ; size of *C. latus*
Thorax with 2 impressed lunules at the base : *body* black : legs rufous : thighs black : antennæ tipped with black.
- Helopioides*. Winged, black : shells with smooth striæ ; antennæ and legs blackish.
Inhabits *Germany* ; size of *Carabus ovatus*.
- * *Azureus*. Winged, azure : antennæ and legs red.
Inhabits *Germany*. *Bergst. Nomencl. 1. tab. 10. fig. 3.*
Size of *Carabus latus*. Shells striate.
- Erythrocephalus*. Winged, black : head rufous : antennæ and legs yellow.
Inhabits *Germany* ; middle sized.
Shells striate black : antennæ and legs yellowish.
- Analus*. Winged, black : mouth antennæ tail and legs ferruginous.
Inhabits *Germany* ; size of the last.
Thorax with an impressed dorsal line and 2 at the base : shells with crenate striæ : *body* black.
- Lineola*. Winged, ferruginous : shells with a black line.
Inhabits *North America* ; size of *Carabus ferrugineus*.
Shells striate : thorax paler with a black linear spot.
- * *Ferrugineus*. Winged, ferruginous : shells striate darker.
Inhabits *Europe*. *Herbst. Arch. tab. 29. fig. 6.*

- Pallens.* Winged, pale: shells striate.
Inhabits *Saxony*; perhaps only a variety of the last.
- Surinamensis.* Winged, testaceous: thorax and striate shells brown.
Inhabits *Surinam*; about half the size of *C. pallens*:
Thorax channelled in the middle: *legs* testaceous.
- Dorsiger.* Winged, ferruginous: shells with a broad black lunule:
abdomen black.
Inhabits *Barbary*.
Head dusky: *thorax* transverse ferruginous: *shells* striate ferruginous with a common black lunule in the middle: *legs* ferruginous.
- Aterrimus.* Winged; thorax margined: black: shells striate, with 3
impressed dots.
Inhabits *Europe*. *Paykull. Monogr.* 127. 78.
Resembles *C. oblongo-punctatus* but is larger and deep black:
thorax channelled in the middle: *shells* with 2 dots in the
second stria from the suture and another in the third.
- Proteus.* Winged; above brassy: antennæ and legs ferruginous.
Inhabits *Germany*. *Paykull. Monogr.* 115. 72.
Body sometimes black, sometimes ferruginous.
- Nigricornis.* Winged, black: thorax coppery: shells striate green: legs
piceous.
Inhabits *Denmark*. *Paykull. Monogr.* 112. 73.
Head green bronzed: *mouth* and *antennæ* black: *thorax* with an
impressed dorsal line and dot each side: *body* black, with a
blue gloss: *legs* piceous tipped with black.
- Parumpunctatus.* Winged, oblong; above brassy, beneath black: shells stri-
ate with 6 impressed dots: *shanks* piceous.
Inhabits *Germany*; more oblong than *C. 6-punctatus*.
Head bronzed: *mouth* and *antennæ* black: *thorax* with an im-
pressed dot each side: *body* black.
- **6-punctatus.* Winged; head and thorax green: shells coppery.
Inhabits *Europe*. *Schaeff. Icon. tab.* 66. *fig.* 7.
Shells striate, with a single row of impressed dots.
- Discoideus.* Winged, black: anterior margin of the shells and antennæ
rufous.
Inhabits *Germany*; a little larger than *Carabus ovatus*.
Thorax channelled with an impressed line each side: *shells* striate:
legs black: *tarsi* rufous.

* *Marginatus.*

* *Margina-* Winged, green : edge of the shells and shanks testaceous.
tus. Inhabits *Europe. Pontop. Atl. Dan.* 1. tab. 29.

Vesitus. Winged ; green bronzed : edge of the thorax and shells, antennæ and legs pale.
 Inhabits *Hungary* ; very much resembles the last.
Head shining green bronzed ; *mouth* and *antennæ* pale ; *thorax* with an impressed dorsal line : *shells* striate, green with rufous down ; *body* brown.

Nigrita. Winged, glossy-black : thorax channelled : shells striate.
 Inhabits *Germany. C. striatus, Paykull. Monogr.* 45. 26.
Thorax with an impressed spot each side : *shells* striate black immaculate : *legs* black.

Fuscus. Winged, brown : shells obsoletely striate : antennæ margin of the thorax and legs yellow.
 Inhabits *Germany* ; size of *Carabus marginatus*.
Head brown : *mouth antennæ* and *feelers* yellow : *thorax* slightly channelled : *shells* soft immaculate : *body* brown.

Pallipes. Winged, black : border of the thorax and shells and legs pale.
 Inhabits *America*.
Antennæ black, pale at the base : *head* black : *mouth* ferruginous : *shells* striate black with a pale border.

Quadrum. Winged ; thorax rounded : black ; shells striate with a broad pale band.
 Inhabits *Senegal* ; size of *Carabus melanocephalus*.
Thorax channelled smooth : *shells* with a pale band in the middle dilated at the end : *body* black : *legs* rufous : *thighs* black.

* *Melanoce-* Winged ; black : thorax and legs ferruginous.
phalus. Inhabits *Europe. Paykull. Monogr.* 35. 20.

* *Cyanoce-* Winged ; thorax and legs ferruginous : head and shells
phalus. blue-green.
 Inhabits *Europe. Donovan's English Ins.* iii. plate. 86.

Rufibarbis. Winged ; black : antennæ mouth and legs rufous.
 Inhabits *Germany* ; size of the last.
Thorax slightly channelled : *shells* striate : *mouth* rufous : *mandibles* black.

- Amethystinus.* Winged, azure : head and thorax shining bronze.
Inhabits *Cayenne*.
Antennæ hairy brown, ferruginous at the base : *shells* striate :
body azure.
- Lividus.* Winged, yellowish : head and thorax black : *shells* brown
striate.
Inhabits *Denmark* ; small.
Head black : *mouth* and *antennæ* pale : *thorax* smooth black im-
maculate : *shells* paler than the *thorax* : *body* and *legs* yel-
lowish.
- **Crux major.* Winged : thorax round and with the *shells* black, the lat-
ter with 2 rufous spots.
Inhabits *Europe*. *Schaeff. Icon. tab. 1. fig. 13.*
Thorax orbicular villous : *shells* obtuse with crenate striae villous,
red with a black cross, or black with 2 rufous spots.
- **Crux minor.* Winged ; thorax orbicular rufous : *shells* truncate, red with
a black cross.
Inhabits *Europe*. *Schaeff. Icon. tab. 18. fig. 8.*
Antennæ black, rufous at the base.
- Vittatus.* Winged ; thorax orbicular rufous : *shells* black with a white
fillet.
Inhabits *North America*.
Antennæ black : *head* rufous : *scutellum* small rufous : *shells* glabrous
shining black with a longitudinal white fillet in the middle :
body ferruginous : *legs* black.
- Turcicus.* Winged ; thorax orbicular rufous : *shells* black with a pale
lunule at the base.
In the Museum of *Dr. Hunter*.
Head black : *mouth* and *antennæ* pale rufous : *thorax* margined
rufous immaculate : *shells* striate subtruncate : *abdomen* black ;
legs pale.
- Hæmorrhoidalis.* Winged : thorax suborbicular rufous : *shells* black, rufous
at the tip.
Inhabits *Dresden*.
Antennæ rufous, blackish at the tip : *head* rufous : *shells* slightly
striate : *body* black.
- Picipes.* Winged : thorax orbicular : *body* glossy-black : *shells*
brown : *legs* ferruginous.
Inhabits *Sweden*. Small oblong active ; *shells* striate

- * *2-pustulatus*. Winged; thorax orbicular rufous: shells rufous, the tip black with a common rufous spot.
Inhabits *England*. Body long and narrow.
Thorax with a small impressed line each side at the base: *shells* striate: *abdomen* black: *legs* rufous.
- Andreae*. Winged: thorax orbicular glossy-black: shells pale with a black band in the middle.
Inhabits *Italy*.
Shells brownish at the tip: *legs* pale.
- Elevatus*. Rufous; shells silky, paler with a common black band.
Inhabits *Paris*. Size of *Carabus Crux major*.
Antennae rufous: *shells* with a broad band in the middle.
- Germanus*. Winged, azure; head shells and legs testaceous.
Inhabits *Germany*. *Schaeff. Icon. tab. 31. fig. 13.*
- Velox*. Winged, blackish: antennae and legs pale: shells very obtuse.
Inhabits *Europe*. *Shells* striate, nearly truncate.
- * *Rufescens*. Winged, ferruginous: crown and tail black.
Inhabits *England*. *Paykull. Monogr. 58. 35. Small.*
- Præustus*. Winged, testaceous: top of the head tips of the shells and abdomen black.
Inhabits *Germany*. Oblong.
Head black: *mouth* and *antennae* testaceous: *shells* striate, testaceous tip with black: *legs* testaceous.
- Apricarius*. Above black, beneath ferruginous: shells with crenate striæ.
Inhabits sandy plains of *Dalickaria*. *Paykull. Mon. 125. 77.*
Antennae ferruginous: *thorax* and *shells* black.
- * *Lunatus*. Winged; thorax orbicular rufous: shells yellow with 3 black spots.
Inhabits *England*. *Schaeff. Icon. tab. 41. fig. 14.*
Antennae black, ferruginous at the base: *head* shining blue-black: *thorax*: lightly channelled: *shells* substriate: *abdomen* black: *legs* rufous: *thighs* tip with black.
- Præstinus*. Winged, black: head and thorax bronzed: shells ferruginous with a large common black spot at the tip.
Inhabits *Germany*. *Schaeff. Icon. tab. 31. fig. 13.*
Antennae black, the first joint ferruginous: *shells* striate: *body* black: *legs* rufous.

- urser.* Winged; thorax green bronzed: shells black with a ferruginous spot at the tip.
Inhabits *Italy*; less than *Carabus prafinus*.
Antennae brown, ferruginous at the base: *body* black: *shells* striate: *legs* ferruginous.
- Furcatus.* Livid; shells with an abbreviated black band in the middle, forked at the base.
Inhabits *America*; small.
Head dull rufous with a black spot between the eyes: *shells* striate.
- **Vaporarium.* Winged black: thorax, fore-part and margin of the shells, antennae and legs ferruginous
Inhabits *Europe*. *Voet. Coleopt. tab. 35. fig. 18.*
- **Meridianus.* Winged, black: fore-part of the shells and legs testaceous.
Inhabits *Europe*. *Paykull. Monogr. 95. 59.*
Less than the last.
- Discus.* Winged; thorax rufous: head black: shells testaceous with a common brown dorsal spot.
Inhabits *Germany*; small.
Head glossy-black: *mouth* and *antennae* ferruginous: *shells* striate: *legs* rufous.
- Comma.* Winged, black: thorax brown: shells grey with a linear black spot.
Inhabits *America*.
Thorax rusty-brown: *shells* striate: *legs* pale.
- **4-maculatus.* Winged; thorax ferruginous glabrous: shells very obtuse, brown with 2 white spots.
Inhabits *Europe*. *Pontopp. Alt. Dan. 1. tab. 29.*
- **4-guttatus.* Winged; thorax deep black; shells black with 2 white dots.
Inhabits *Europe*. *Paykull. Monogr. 90. 55.*
Shells hardly obtuse: *shanks* pale.
- **Ufculatus.* Winged; thorax black: shells dusky with 2 pale bands.
Inhabits *Europe*. *Paykull. Monogr. 86. 53.*
Hind band on the *shells* wavy; sometimes marked with large obsolete pale red spots.

- Dorsalis*. Winged; thorax black: shells pale with a large black dorsal spot.
Inhabits *Germany*; small.
Head and *thorax* glossy black with a fine palish margin: *shells* slightly striate: *body* black: *antennae* and *legs* ferruginous.
- Biguttatus*. Winged; thorax bronzed: shells black with a pale spot at the tip.
Inhabits woods of *Norway*.
Antennae brown, reddish at the base: *shells* striate: *legs* pale.
- Guttula*. Winged, black: shells with a white hyaline dot behind.
Inhabits *Germany*. *Carabus riparius*. *Payk. monogr.* 91. 56.
Less than the last: *shells* striate: *legs* rufous.
- * *Testaceus*. Winged; head and thorax ferruginous: shells testaceous.
Inhabits *Europe*. *Geoffr. Inf.* 1, 153, 25.
- Truncatus*. Winged; thorax ferruginous: shells striate black abbreviated.
Inhabits *Saxony*; larger than *C. abbreviatus*.
Head black: *mouth* and *antennae* ferruginous: *shells* striate: *body* black: *legs* testaceous.
- Abbreviatus*. Winged; thorax rufous: shells abbreviated testaceous.
Inhabits rocky mountains of *Norway*.
Antennae brown, reddish at the base: *shells* only half as long as the abdomen, truncate: *body* pale: *abdomen* black.
- 2-punctatus*. Winged, bronzed: antennae and legs black: shells with 2 impressed dots.
Inhabits *Europe*. *Paykull. Monogr.* 99. 62.
- * *Celer*. Winged, shining bronze: legs ferruginous.
Inhabits *Europe*, on mosses. Size of the last: *antennae* black.
- Minutus*. Winged, black: shells and legs piceous.
Inhabits *Germany*, in the trunks of trees. small.
Head glossy black: *antennae* piceous: *shells* striate: *legs* dull ferruginous.
- Pygmaeus*. Winged; above shining bronze, beneath full black.
Inhabits *Germany*. *Car. rufipes*. *Paykull. Monogr.* 101, 63.
Antennae and *legs* black: *shanks* piceous.

- Tristis.* Winged, black : legs rufous.
Inhabits *Germany*; small : legs sometimes piceous.
- **Truncatellus.* Winged ; above dull brassy, beneath black : shells obtuse.
Inhabits *Europe*. *Payk. Monog.* 98. 61.
Small. *Antennæ* and legs black.
- Minimus.* Winged ; deep black : shells striate.
Inhabits *Germany*; very minute.
- e. *Thorax uncertain.*
- Fimbriatus.* Apterous, black : sides of the thorax and edges of the shells downy white.
Inhabits the *Cape of good hope*. *Herbst. Arch.* 8. tab. 47. fig. 1.
- Alacer.* Apterous, black immaculate : thorax rounded behind and grooved.
Inhabits the *Cape of good hope*. *Thunb. nov. Inf.* 4. p. 70.
- Spinosus.* Apterous, black : shells with 8 grooves and roughly dotted, spinous behind.
Inhabits the *Cape*. *Voet. Coleopt. tab.* 38. fig. 44. 45.
- Lunulatus.* Apterous, black : thorax lunate : shells striate.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. fig. 86.
Body glabrous, about the size of *C. violaceus*, but broader and more depressed.
- Difformis.* Apterous, black : thorax transverse, truncate behind : shells striate.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. p. 72.
- Dorsatus.* Black ; antennæ and shells red edged with black.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. p. 73.
- Obtus.* Thorax and shells brown : head antennæ and legs red.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. p. 74.
- Aspersus.* Apterous ; above green bronzed, beneath black : shells with 4 rows of indented gold dots and raised lines.
Inhabits *Europe*. *Degeer. Ins.* 4. tab. 3. fig. 12.

- Herbstii*. Shells transversely undulate, with 3 rows of gold dots.
Inhabits *Germany*. *Herbst. Arch. Inf.* 6. p. 131 n. 15.
About an inch long. *Body* sometimes greenish, sometimes black.
- Pomeranus*. Coppery, beneath black: shells with decussate striæ and 3 rows of raised dots.
Inhabits *Pomerania*. *Herbst. Arch.* 6. p. 132. n. 16.
- Cylindricus*. Black, cylindrical: thorax narrowed grooved in the middle: shells with 9 grooves and dotted on the outer margin.
Inhabits—*Herbst. Arch.* 6. tab. 29. fig. 3.
- Nemorialis*. Black; shells bronzed with rough intricate lines and 3 rows of hollowed dots.
Inhabits *Denmark*. *Mull. Zoöll. Dan.* p. 75. n. 809.
- Rubicundus*. Apterous; beneath black: thorax violet: shells reddish, the future and margin white.
Inhabits *Russia*. *Lepech. It.* 2. p. 195. tab. 10. fig. 1.
- Atomarius*. Apterous, black, glabrous: shells nearly smooth with minute scattered confluent dots which with the edges are a little violet.
Inhabits *Europe*. *Mus. Lesh.* p. 37. n. 818.
- Miliarius*. Apterous, black: shells with raised scattered dots, the outer margins violet bronzed,
Inhabits *Europe*. *Mus. Lesh.* p. 37. n. 819.
- Fractus*. Apterous, black: shells ridged, the alternate ridges irregularly broken.
Inhabits *Europe*. *Mus. Lesh.* p. 37. n. 820.
- Æruginosus*. Apterous, black: shells with crowded striæ and 3 rows of green indented dots.
Inhabits *Europe*. *Mus. Lesh.* p. 37. n. 823.
- Cyprius*. Apterous, black: head thorax and shells coppery: the latter with 4 ridges each containing 3 rows of raised dots.
Inhabits *Europe*. *Mus. Lesh.* p. 38. n. 824.
- Afer*. Black; antennæ and legs reddish: shells smooth.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. p. 73.
Size of *C. vulgaris*. *Body* oblong, beneath piceous.

Capensis.

- Capensis.* Ferruginous; thorax and future of the shells with a longitudinal black line.
Inhabits the *Cape*. *Thunb Nov. Inf.* 4. fig. 88.
Body glabrous: *abdomen* black or ferruginous.
- Fascialis.* Ferruginous: shells with a black band.
Inhabits the *Cape*. *Thunb. Nov. Inf.* 4. fig. 89.
Is not sufficiently distinct from *Carabus fasciatus*.
- Fastigiatus.* Ferruginous; abdomen and fastigate shells black.
Inhabits the *Cape*. *Mus. Lud. Utr.* 97.
- Livens.* Thorax and legs ferruginous: shells black, livid at the sides.
Inhabits *Europe*. *Fn. Suec.* 791.
- Spinipes.* Piceous; thorax with an excavated longitudinal line: ends of the legs spinous.
Inhabits *Europe*. *Scopol. Ent. Carn.* 267.
- 4-notatus.* Head ferruginous: thorax black: shells with 2 yellow spots.
Inhabits *Europe*. *Fn. Suec.* 811.
- Thunbergii.* Shells testaceous with a common violet spot: head and thorax black.
Inhabits *Upsal*. *Thunb. Act. Ups.* 4. p. 20. n. 34.
- Upsalienfis.* Shells green striate: thorax flat bronzed punctured.
Inhabits *Upsal*. *Thunb. Act. Ups.* 4. p. 20. n. 35.
- Forsteri.* Black; head thorax and shells glossy-green: antennæ and legs rufous.
Inhabits *America*. *Forst. Nov. Inf.* 1. p. 58. n. 58.
- Lineatus.* Thorax ferruginous: legs and shells grey, the latter with a common black line at the future and another in the middle: tarfi black.
Inhabits *America*. *Forst. Nov. Inf.* 1. p. 59. n. 59.
- Marchicus.* Beneath black: head and thorax light grey: feelers and antennæ brown, ferruginous at the base.
Inhabits *Berlin*. *Herbst. Arch. Inf.* 6. p. 137. n. 38.

Schranckii. Green bronzed: abdomen black: antennæ and legs pale rufous.

Inhabits Germany. *Schrank. Inf. Aust. p. 213. n. 401.*

Splendidus. Brown; head and thorax green bronzed: legs pale.

Inhabits India. *Herbst. Arch. Inf. 6. p. 138. n. 41.*

Margo. Piceous; legs spinulous: antennæ and margin of the thorax yellowish: shells with 8 striæ.

Inhabits India. *Herbst. Arch. Inf. 6. p. 138. n. 42.*

Frischii. Black; thorax with a single groove, shells with 8.

Inhabits Berlin. *Herbst. Arch. Inf. 6. p. 138. n. 43.*

Indicus. Black; antennæ grey at the tip: thorax with an impressed line: shells with 7 grooves.

Inhabits India. *Herbst. Arch. 6. tab. 29. fig. 11.*

Varius. Above black-bronzed, beneath black: body ovate short: thorax convex: shells smooth: antennæ rufous at the base.

Inhabits Europe. *Degeer. Inf. 4. n. 15.* About 3 lines long.

Herbstii. Black; antennæ ferruginous: thorax glabrous, ferruginous on the fore margin: legs piceous.

Inhabits Berlin. *Herbst. Arch. 6. p. 138. n. 45.*

Mulleri. Brassy-black: shells striate punctured, with 3 impressed dots.

Inhabits Europe. *Herbst. Arch. 6, p. 139. n. 46.*

Obscurior. Black, beneath bay: shells brown with 8 punctured striæ: antennæ and legs yellow.

Inhabits Europe. *Herbst. Arch. 6. tab. 29. fig. 12. g.*

Pelidnus. Black; thorax orbicular: shells dirty yellow, with 8 striæ.

Inhabits Berlin. *Herbst. Arch. 6. p. 139. n. 48.*

Fuscicornis. Reddish-brown: shells striate: thorax rounded.

Inhabits Hungary and Germany. *Herbst. Arch. 6. p. 139. n. 49.*

Atratus. Entirely glossy-black: thorax rounded: shells obsoletely striate, with 4 indented dots at the suture.

Inhabits Berlin. *Herbst. Arch. 6. tab. 29. fig. 13.*

- Lapideus.* Black, beneath brown: shells blue with 9 punctured striæ, the outmost crenate.
Inhabits *Berlin.* *Herbst. Arch.* 6. tab. 29. fig. 14.
- Platys.* Entirely black: thorax submargined: shells glabrous, obsoletely striate.
Inhabits *Berlin.* *Herbst. Arch. Inf.* 6. p. 140. n. 52.
- Æthiops.* Entirely glossy-black.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 141. n. 53.
A very uncertain and indistinct species.
- Virgo.* Black; antennæ and legs brown: thorax sinuate behind: shells obsoletely striate.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 141. n. 54.
- Glaber.* Glossy-black: shells brown striate: mouth feelers and legs piceous.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 141. n. 55.
- Globator.* Black; thorax hæmispherical: shells striate punctured: mouth and feelers ferruginous: antennæ fulvous and nearly moniliform at the base.
Inhabits *Berlin.* *Herbst. Arch.* 6. tab. 29. fig. 17. k.
- Chalcos.* Brassy, beneath black: antennæ ferruginous at the base: shells striate punctured.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 142. n. 59.
- Micros.* Bay; shells striate punctured: eyes black.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 142. n. 60.
- Lampros.* Glossy, very smooth, black bronzed beneath black: shells striate punctured: antennæ grey: legs brown.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 143. n. 61.
- Pyropus.* Glossy-black: margin of the thorax raised: antennæ and legs piceous.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 143. n. 62.
- Mixtus.* Yellow; head black: shells speckled behind with black.
Inhabits *Berlin.* *Herbst. Arch.* 6. p. 143. n. 63.

- Geerii.* Above black, beneath yellow: shells with 2 spots: antennæ and legs fulvous.
Inhabits *Europe*. *Degeer. Ins.* 4. p. 102. n. 20.
- Didymns.* Blue-black: shells yellow with a double brown spot.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 78. n. 849.
- Minor.* Thorax blackish: striate shells antennæ and legs brown.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 77. n. 833.
- Flavus.* Yellow; shells striate: head thorax and spot at the tip of the shells green.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 78. n. 846.
- Diaphanus.* Black; shells brown with oblique yellow diaphanous spots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 76. n. 812.
- Inflexus.* Black; shanks and tarsi piceous: shells with a flexuous row of impressed dots.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 76. n. 814.
- Ochropus.* Black; shells bronzed: antennæ and legs fulvous.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 76. n. 816.
- Nigricans.* Black; shells antennæ feelers and legs piceous.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 76. n. 819.
- Pernix.* Piceous; head thorax and striate shells black.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 76. n. 823.
- Cæruleus.* Black; shells blue; antennæ feelers and legs black.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 77. n. 827.
- Similis.* Black; thorax excavated each side behind: shells with sub-punctured striæ.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 77. n. 828.
- Æstivus.* Yellow; head ferruginous: thorax and shells black.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 77. n. 832.
- Flexilis.* Yellowish; head black: shells livid.
Inhabits *Scandinavia*. *Mull. Zool. Dan.* p. 78. n. 837.

- Lævis.* Bronzed; head and thorax green: shells coppery: legs piceous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 78. n. 841.
- Vernalis.* Black; antennæ feelers and legs yellow: shells striate punctured.
Inhabits Denmark. *Mull. Zool. Dan.* p. 78. n. 847.
- Pullus.* Black; shells striate: legs piceous.
Inhabits Denmark. *Mull. Zool. Dan.* 78. n. 848.
- Ater.* Black; shells striate: claws subferruginous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 78. n. 851.
- Discolor.* Black, beneath rufous: shells soft.
Inhabits Europe. *Mull. Zool. Dan.* p. 79. n. 857.
- Aurichalceus* Yellowish, above bronzed.
Inhabits Denmark. *Mull. Zool. Dan.* p. 79. n. 859.
- Fulvicornis* Black; shells with smooth striæ, the outmost punctured: feelers antennæ and legs pale yellow.
Inhabits Europe, under stones. *Hoppe. Inf. Erlang.* p. 30.
Thorax obcordate, truncate behind, minutely punctured at the margin: edge of the shells ferruginous beneath.
- Leprosus.* Blue; base of the antennæ and legs ferruginous: shells brown with 2 white spots.
Inhabits Denmark. *Pontopp. Natur.* p. 211. tab. 46.
- Inderiensis.* Dusky-green, beneath black: legs testaceous: shells striate, the lateral margin yellowish-grey.
Inhabits Siberia. *Pall. It. 1. App.* n. 39.
- Pictus.* Depressed, testaceous: striate shells and legs grey.
Inhabits deserts of Siberia. *Pall. It. 1. Append.* n. 40.
- Elegans.* Thorax linear, as long as the shells: legs rufous.
Inhabits Carniola. *Scop. Ent. Carn.* n. 269.
- Metallinus.* Above shining bronze: thorax connivent at the sides: antennæ fulvous at the base.
Inhabits Carniola. *Scop. Ent. Carn.* n. 270.

- Cordatus.* Thorax inversely heart-shaped.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 271.*
- Funceus.* Body linear : thorax narrower behind.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 272.*
- Scopolii.* Brassy-green : shells testaceous, with a brown band and margin all round.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 275.*
- Salicipes.* Black, punctured. shells striate brown : antennæ and legs ferruginous.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 276.*
- Arenosus.* Brown bronzed : thorax roundish, toothed behind : legs rufous.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 277.*
- Lucidus.* Glossy-black : shells and legs testaceous.
Inhabits *Hungary*; small. *Scopol. Ann. Hist. 5. p. 108. n. 104.*
- 8-striatus.* Green punctured : shells with 8 striæ : legs pale.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 147. n. 11.*
- Vitidus.* Shining-green : shells with 8 striæ and 3 impressed dots : legs pale.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 148. n. 12.*
- Viridis.* Green ; shells with 8 striæ, the fore-part and margin fulvous.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 148. n. 13.*
- Nobilis.* Black ; thorax deep black : shells red with a black cross.
Inhabits *France*. *Geoffr. Ins. par. p. 150. n. 17.*
- Erugineus.* Shining ; head and shells green : thorax coppery with 12 dots.
Inhabits *France*. *Geoffr. Ins. par. p. 149. n. 15.*
- Strigosus.* Black ; thorax ferruginous : shells striate, with 4 livid spots.
Inhabits *France*. *Geoffr. Ins. par. p. 152. n. 22.*
- Nigricollis.* Entirely black ; shells striate, with livid spots.
Inhabits *France*. *Geoffr. Ins. par. p. 153. n. 23.*

8-macutatus.

8 maculatus Black ; shells striate, with 8 livid spots.

Inhabits France. Geoffr. *Ins. par.* p. 153. n. 24.

Minutulus. Entirely black ; smooth.

Inhabits France. Geoffr. *Ins. par.* p. 153. n. 26.

Varius. Variegated with coppery and green, with 4 impressed dots : legs pale.

Inhabits France. Geoffr. *Ins. par.* p. 157. n. 32.

Tenebrioides. Black, thorax broad : shells striate punctured.

Inhabits France. Geoffr. *Ins. par.* p. 159. n. 34.

Laticollis. Entirely green : thorax broad.

Inhabits France. Geoffr. *Ins. par.* p. 159. n. 35.

Lugubris. Black, opaque ; antennæ and feelers fulvous : shanks and tarsi ferruginous.

Inhabits Europe. Mull. *Zool. Dan.* p. 76. n. 820.

Pubescens. Black, downy : shells striate : antennæ feelers and legs fulvous.

Inhabits Europe. Mull. *Zool. Dan.* p. 77. n. 825.

Fuscipes. Black, smooth : legs and base of the antennæ ferruginous.

Inhabits France. Geoffr. *Ins. par.* p. 161. n. 30.

Fuscatus. Brown ; shells striate : body beneath reddish : antennæ and legs ferruginous.

Inhabits Europe. Schaff. *Icon. tab.* 18. fig. 7.

Versicolor. Bronzed ; body ovate short, above black-bronze, beneath black : thorax convex : shells smooth : antennæ rufous at the base.

Inhabits Europe. Degeer. *Ins.* 4. p. 98. n. 15.

Substriatus. Shining black : shells substriate, with 4 impressed dots.

Inhabits Europe. Degeer. *Ins.* 4. p. 102. n. 21.

Pennsylvanicus. Reddish-brown : head dusky : shells striate : body beneath antennæ and legs testaceous.

Inhabits Pennsylvania. Degeer. *Ins.* 4. tab. 17. fig. 22.

Halenfis. Black ; shells striate, ferruginous towards the thorax : antennæ and legs testaceous.

Inhabits Saxony. Schall. *Act. Hall.* 1. p. 317.

Schalleri.

- Schalleri*. Black, smooth : shells with very minute punctured striæ.
Inhabits Saxony. *Schall. Aët. Hall.* 1. p. 318.
- Mærens*. Black : striate shells and thorax rough opaque.
Inhabits Saxony. *Schall. Aët. Hall.* 1. p. 318.
- 5-lineatus*. Black ; thorax rounded at the sides truncate behind, with an impressed dorsal line and a double one each side at the base : shells ridged, the 5 inner ones meeting the sixth at the tip.
Inhabits Europe. *Mus. Lesk.* p. 38. n. 836.
- Tricolor*. Rusty-black : head base of the antennæ and thorax black : antennæ cinereous glabrous : shells depressed striate, the tip truncate and with the outer edges of the thorax ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 38. n. 837.
- Confluens*. Black ; thorax rounded at the sides : shells striate, the first and eighth, second and seventh united at the tip.
Inhabits Europe. *Mus. Lesk.* p. 38. n. 843.
- Leskii*. Deep black ; head and thorax black : shells brown with silky striæ : antennæ and legs ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 38. n. 844.
- Trichrous*. Black : antennæ and legs ferruginous : shells finely striate : head and thorax bronzed, the latter with an impressed dorsal line and 2 each side behind.
Inhabits Europe. *Mus. Lesk.* p. 39. n. 861.
Antennæ sometimes red at the base.
- Pullus*. Rusty-black : shells striate : antennæ rufous.
Inhabits Europe. *Mus. Lesk.* p. 38. n. 846.
- Quadratus*. Thorax nearly square, with an impressed dorsal line and 1 each side behind : shells striate.
Inhabits Europe. *Mus. Lesk.* p. 39. 848. 860.
- Plicatus*. Black : thorax suborbicular, plaited each side behind.
Inhabits Europe. *Mus. Lesk.* p. 39. n. 849.
- Picatus*. Piccous ; shells black striate : thorax with an impressed dorsal line and 2 each side behind, the inner one higher.
Inhabits Europe. *Mus. Lesk.* p. 39. n. 850.

Emarginatus.

- Emarginatus.* Black ; thorax nearly square, truncate behind : shells striate, emarginate at the tip.
Inhabits Europe. *Mus. Lesk. p. 39. n. 851.*
- Chalybeus.* Black ; head and thorax bronzed : shells black-bronzed striate, the outer margins greenish.
Inhabits Europe. *Mus. Lesk. p. 39. n. 852.*
- Erythroceras.* Black ; thorax nearly square, rounded at the sides : shells striate : antennæ rufous : legs ferruginous.
Inhabits Europe. *Mus. Lesk. p. 39. n. 853.*
- Concoloratus.* Black ; thorax nearly square : shells deep black, very finely striate.
Inhabits Europe. *Mus. Lesk. p. 39. n. 866.*
- Erythropus.* Black ; thorax square behind : shells striate : antennæ and legs rufous.
Inhabits Europe. *Mus. Lesk. p. 39. n. 859.*
2. Shells striate punctured. *Mus. Lesk. p. 40. n. 875.*
- Crenatus.* Black ; shells with crenate punctured striæ.
Inhabits Europe. *Mus. Lesk. p. 39. n. 862.*
- Distinctus.* Above black, beneath ferruginous : thorax truncate behind.
Inhabits Europe. *Mus. Lesk. p. 39. n. 865.*
- Rubricornis.* Black ; antennæ red : thorax truncate behind with an impressed dorsal line.
Inhabits Europe. *Mus. Lesk. p. 39. n. 868.*
- Punctulus.* Black ; shells with a row of minute dots.
Inhabits Europe. *Mus. Lesk. p. 39. n. 869.*
- Bispinosus.* Black : thorax truncate behind : fore-shanks thick and 2-spined.
Inhabits Europe. *Mus. Lesk. p. 39. n. 870.*
- Erythromelas.* Black ; antennæ and shanks ferruginous.
Inhabits Europe. *Mus. Lesk. p. 39. n. 871.*
2. Thorax truncate behind : shells striate. *n. 873.*
- Æquus.* Black, glabrous : thorax truncate behind, impressed each side : shells striate.
Inhabits Europe. *Mus. Lesk. p. 40. n. 872.*

- Viridans.* Greenish-black : antennæ and legs rufous : shells striate, with flat finely punctured ridges.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 874.
- Multicolor.* Black ; head and thorax green : shells blueish-green with yellowish down : mouth base of the antennæ and legs rufous :
Inhabits Europe. *Mus. Lesk.* p. 40. n. 876.
- Obfuscatus.* Brown ; thorax truncate behind : shells striate : antennæ and legs ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 877.
- Dolens.* Black ; shells striate : shanks ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 879.
- Discolor.* Black ; thorax truncate behind, with an impressed dorsal line and dots each side : shells striate, greenish at the edges : antennæ ferruginous, rufous at the base.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 882.
- Excisus.* Ferruginous, glabrous : thorax truncate before, jagged behind : shells striate.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 884.
- Limbatus.* Black : thorax margined, plaited behind ; shells striate : legs black-ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 885.
- Trunculatus.* Black ; thorax truncate behind : shells striate ; legs rusty-brown.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 886.
- Chloromelas.* Black ; above green ; antennæ and legs ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 887.
- Sinuatus.* Black ; shells striate, sinuate at the tip : antennæ rufous at the base.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 889.
- Pallidicornis.* Black : shells striate : thorax truncate behind, the outer margins antennæ and legs pale.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 892.

Aurichalceus. Black bronzed : antennæ and legs rufous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 894.

Rotundatus. Black, above brassy : thorax rounded : shells striate : shanks ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 897.

Lituratus. Piceous ; head, legs and striate shells testaceous, the latter with a common black violet spot at the tip : thorax violet.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 899.

Trunculus. Black ; thorax truncate behind : striate shells base of the shanks and ends of the legs ferruginous.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 900.
Antennæ rufous : *thighs* brown.

Ferruginosus. Ferruginous ; thorax rounded : shells striate : antennæ and legs livid.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 904.
Head often black.

Denigratus. Black ; thorax rounded : shells striate : antennæ and legs ferruginous : thighs compressed, black above.
Inhabits Europe. *Mus. Lesk.* p. 40. n. 905.

Cylindricus. Testaceous, cylindrical : head black : thorax orbicular rufous.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 909.

Geniculatus. Black ; thorax suborbicular : shells and legs testaceous, the joints brown.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 901.

4-notatus. Black ; thorax orbicular : shells blue-brown with 4 testaceous dots : legs testaceous.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 916.

6-notatus. Black bronzed : thorax rounded : shells striate, with 3 pair of impressed dots at the suture.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 917.

Porphyropus. Piceous ; thorax truncate ; shells striate : antennæ and shanks rufous.
Inhabits Europe. *Mus. Lesk.* p. 41. n. 920.

Fuscicornis.

- Fuscicornis*. Black, above bronzed: thorax rounded punctured: shells with crenate striae: antennæ brown: legs rufous.
Inhabits Europe. *Mus. Lesk. p. 41. n. 921.*
- Atratus*. Black; thorax orbicular: shells pale varied with black: antennæ and legs brown-ferruginous.
Inhabits Europe. *Mus. Lesk. p. 42. n. 924.*
- Trispinosus*. Black; head and orbicular thorax bronzed: shells ferruginous bronzed striate punctured: legs rufous, thighs thick, shanks spinous.
Inhabits Europe. *Mus. Lesk. p. 42. n. 925.*
- Dolorosus*. Ferruginous; thorax rounded: shells striate: head brown: antennæ and legs testaceous.
Inhabits Europe. *Mus. Lesk. p. 42. n. 926.*
- Urbanus*. Above brassy-green, beneath blueish: thorax nearly square with 4 impressed streaks behind: fore-shanks dilated at the tip.
Inhabits Lusace. *Mus. Lesk. It. p. 17. tab. A. fig. 6.*

B. feelers 4. Scolitus.

- Flexuosus*? Black; shells ferruginous, with a black sinuate spot in the middle and dot at the tip.
Inhabits East India. Body small depressed.
Thorax margined, very much indented before for the reception of the head: scutell black: shells blackish towards the scutell.
- Limbatus* Above ferruginous: thorax with a brassy-green spot: shells with 2 waved brassy-green bands.
Inhabits Germany. *Aët. Berol. 4. tab. 7. fig. 4. A. B.*
Body ovate depressed: head greenish with a whitish frontal line which is bifid before: mouth testaceous: lip white: thorax green, the fore and later edges pale: body testaceous: legs pale.

48. TENEBRIO. Antennæ moniliform, the last joint roundish: thorax plano-convex, margined: head projecting: shells rather rigid.

A. *Feelers 6, filiform : fore-shanks formed for digging.*

a. *Lip horny entire. Scaurus.*

Atratus. Black ; shells striate punctured.

Inhabits *Egypt* ; middle-sized :

Thorax roundish punctured, and with the addition of the head nearly as long as the shells : *shells* obtuse : *fore-legs* with a strong spine towards the tip of the thighs and another at the base of the shanks.

Striatus. Black ; shells with 3 raised lines.

Inhabits *Southern Italy* ; size of the last.

Thorax punctured : lines on the *shells* meeting behind.

Sulcatus. Winged, black : shells grooved.

Inhabits the *South of France* ; size of *T. atratus*.

Head large, a little impressed on the fore part : *thorax* lunate, remote from the shells, punctured : *shells* striate : *legs* piceous : *shanks* spinous before the tip.

b. *Lip horny, toothed. Scarites.*

Depressus. *Thorax* nearly square, black : shells very smooth.

Inhabits *Cayenne* ; large.

Mandibles projecting, with an oblong tooth within : *head* flat, with 2 impressed lines on the fore-part : *thorax* slightly channelled : *shells* subemarginate : *fore-shanks* palmate

Marginatus *Thorax* nearly square : body black : shells grooved with an azure margin.

Inhabits *Cayenne* : size of the last.

Oliv. Ins. 35 : tab. 6. fig. 67.

Testaceus. Testaceous, very smooth : head darker.

Inhabits *Senegal*. *Fabricius. Append. p. 437. Large.*

Head blackish ; *mandibles* (of the male) projecting, with a small tooth in the middle within : *thorax* smooth, the hind-angles rounded : all the *shanks* 3-toothed at the tip.

Gigas. Black ; *mandibles* grooved : shells smooth.

Inhabits *Africa*. *Oliv. Ins. 36. tab. 1. fig. 1.*

Thrice as large as *T. subterraneus* ; *head* grooved before : shells obsoletely striate : *fore-legs* palmate.

**Subterraneus.* Black ; head grooved on the fore-part : shells with smooth striæ.

Inhabits *Europe* and *America*. *Oliv. Ins. 36. tab. 1. fig. 11.*

Fore-legs palmate : *shanks* 6-toothed.

Lævigatus.

Lævigatus. Thorax channelled, rounded behind: body black: shells very smooth.

Inhabits *Italy*; less than the last.

Antennæ brown: *mandibles* grooved above, 2-toothed within: *fore-legs* palmate.

Crenatus. Thorax nearly square; body black: shells with crenate striæ: head pointed on the fore-part.

Inhabits *East India*; size of *T. subterraneus*:

Head with a small raised tooth on the fore-part: *mandibles* with a bifid projecting tooth at the base: *thorax* polished channelled: *fore-legs* palmate,

Cyaneus. Azure, glabrous: antennæ and legs black.

Inhabits *New Holland*.

Head large with 2 impressed lines on the front: *mandibles* toothed: *antennæ* black: *thorax* channelled, rounded behind: *shells* shorter than the *head* and *thorax*, retuse at the base: *fore-shanks* toothed.

Sabulosus. Gibbous, black: shells striate: antennæ ferruginous: legs scarcely palmate.

Inhabits *Barbary*.

Antennæ dull ferruginous: *head* large: *mandibles* smooth: *thorax* rounded shining: *shanks* with a single sharp spine, ferruginous at the tip.

* *Fossor.* Piceous; fore-shanks palmate.

Inhabits sandy hillocks of *Europe*. *Degeer*. 4. tab. 30. fig. 12.

Gibbus. Black; thorax orbicular channelled: shells substriate.

Inhabits *Germany*. *Herbst*. *Arch*. tab. 29. fig. 17.

Small. *Antennæ* short: *thorax* smooth gibbous: *shells* remote, glossy-black.

* *Cursor.* Testaceous; thorax oblong, with 5 denticulate angles.

Inhabits *Europe*, on sandy plains and hillocks.

Arabs. Black; thorax ferrate: antennæ and legs testaceous.

Inhabits the *East*; nearly twice as long as the last.

Antennæ as long as the *body*: *shells* striate.

Collaris. Black; striate punctured shells and head brown: antennæ and legs piceous: fore-legs spinous.

Inhabits *Berlin*. *Herbst*. *Arch*. *Inf*. 6. tab. 29. fig. 15.

Bucephalus.

Bucephalus. Entirely brown punctured: eyes black.
Inhabits *India*. *Herbst. Arch.* 6. tab. 29. fig. 16. i.

B. Feelers 4.

a. Lip truncate, entire. Tenebrio.

Cupreus. Black; thorax nearly square, crenate at the margin: shells coppery punctured.
Inhabits *Guinea*; large. Shells irregularly punctured.

Aratus. Black; thorax roundish entire: shells striate coppery.
Inhabits *Guinea*. *Tenebrio fulcatus*. *Fabr.* 1, 1. p. 110.
All the *thighs* channelled before the tip and 2-toothed.

Curvipes. Black; thorax nearly square: shells with crenate striæ: fore-shanks incurved.
Inhabits *Germany*; long, narrow.
Head ovate black, a little notched before.

Serratus. Glabrous, black: shells striate: hind-shanks ferrate.
Inhabits *Sierra Leona*.
Head narrowed at the base: *thighs* channelled: *hind shanks* incurved, elevated, ferrate within.

Obscurus. Oblong, black dusky: thorax square: shells substriate.
Inhabits *Germany*; larger than *T. molitor*.
Antennae black, the last joint ferruginous: fore-shanks incurved.

* *Molitor*. Oblong, piceous: shells striate.
Found in meal and bread. *Sulz. Inf.* 7. fig. 52.
Antennae as long as the *thorax*: shells long, with 9 striæ on each: upper part of the *thighs* large and round.
The *larva* is soft and white, and is eagerly sought after by Nightingales.

Glabratus. Oblong, black: shells smooth glabrous.
Inhabits *Africa*; something less than *T. molitor*.
Tenebrio lævigatus. *Fabricius.* 1, 1. p. 111. n. 7.

Chalybeus. Violet; antennæ and legs piceous.
Inhabits *Guinea*. *Degeer. Inf.* 5. tab. 13. fig. 11.

Variegatus. Oblong; varied with cinereous and brown.
Inhabits *Africa*. Body variegated with grey hairs.

Abbreviatus.

- Abbreviatus.* Ovate, black: shells striate: head tuberculate.
Inhabits *India*. Body very short.
Thorax smooth, rounded at the angles: *shield* rounded, with a small tubercle each side: last joint of the *antennæ* globular: shells with crenate striæ.
- Planus.* Oblong; thorax ferruginous, with 2 impressed spots: shells striate, ferruginous at the base and tip with black.
Inhabits *South Carolina*. Body long, depressed.
Head black: mouth ferruginous: thorax depressed: legs rufous.
- Capensis.* Ovate, black; shells striate: fore-shanks toothed spinous.
Inhabits the *Cape of good hope*. Tenebrio fossor. *Fabr.* 1, 1. p. 112.
Body above black, beneath piceous: shells with crenate striæ: fore-legs short.
- Cornutus.* Thorax with crenate margins and prominent angles: head 2-horned.
Inhabits *Smyrna*; twice as large as *T. molitor*.
Head with 2 recurved long horns and a small tooth each side before the eyes: shells striate piceous: fore-thighs thick, the shanks with an orbicular appendage at the tip.
- Sanguinipes.* Black; antennæ and legs sanguineous.
Inhabits *New Holland*; size of the last.
Head obtuse, glossy-black: shells striate: 4 fore-shanks ferrate on the outer side.
- Mauritanicus.* Black, beneath piceous: angles of the thorax ending in a tooth: shells striate.
Inhabits *South American Islands*; small.
Antennæ ferruginous: head and thorax glossy: shells dusky.
- Culinaris.* Winged, ferruginous: shells with crenate striæ.
Inhabits *Spain*. *Schæff. Icon. tab.* 66. fig. 2.
- Pallens.* Pale testaceous: thorax transverse: shells smooth.
Inhabits the *Cape of good hope*. Legs pale: shanks black at the base.
- Cadaverinus.* Pale testaceous: shells striate: abdomen blackish beneath.
Inhabits *Germany*, in rotten carcases.
Shells striate, paler than the thorax: abdomen black: legs pale.

- **Villosus*. Brown with cinereous down: shells smooth ferruginous.
Inhabits *Europe*, in putrid animal matter: small, *antennae* black:
shells smooth villous.
- Filiformis*. Nearly filiform, black: head and thorax elongated, cylindrical.
Inhabits *Barbary*; small.
Antennae short: *head* large flat very finely striate: *thorax* slender,
finely striate: *shells* smooth.
- Barbarus*. Black, glabrous: thorax orbicular: shield of the head with
an elevated margin before.
Inhabits *Mauritiana*. *Body* glossy: *shells* united.
- Erraticus*. Black; antennæ suborbicular thorax and shells ferruginous,
the latter tipped with brown.
Inhabits *Europe*. *Fn. Snec.* 819.
- Gibbosus*. Subovate, entirely bronzed: shells very convex, with very
fine crenulate striæ.
Inhabits *Brazil*. *Pall. Icon. Ross.* 1. tab. C. fig. 2.
- Spinimanus*. Thorax margined smooth: shells very smooth obtuse: fore-
shanks with a very strong curved spine.
Inhabits *Russia*. *Pall. Inf. Ross.* 1. tab. C. fig. 23.
- Uncinus*. Apterous, black: thorax subequal: shells striate punctured,
angulate: fore-thighs clavate; very large and 2-hooked.
Inhabits *Spain*; size of *Pimela mortifuga*.
- Piceus*. Depressed, black, beneath piceous: shells striate.
Inhabits *Saxony*, under the bark of trees. *Aët. Hall.*
- Cylindricus*. Deep black; thorax with raised dots: antennæ brown:
tarsi with yellow hairs beneath.
Inhabits *Berlin*. *Herbst. Arch.* 6. p. 144. n. 3.
- Montanus*. Entirely black: shells opaque.
Inhabits *Hungary*. *Scopol. Ann. Hist.* 5. p. 108. n. 102.
- Tristis*. Black, subopaque with indented variolous dots.
Inhabits *Carniola*. *Scopol. Ent. Carn.* n. 256.

- Pomona*. Above piceous, beneath black: shells with 5 raised striæ.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 257.*
The *larvæ* are found, 2 or 3 together, inclosed in a loose follicle,
and rolled up in the leaves of fruit trees.
- Caprea*. Black; thorax and shells testaceous, the former with im-
pressed dots.
Inhabits *Carniola*, on the *Salix caprea*. *Scopol. n. 258.*
- Flavus*. Yellow; eyes black.
Inhabits *Carniola*. *Scopol. Ent. Carn. n. 260.*
- Æstivus*. Black; feelers and legs yellow.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 74. n. 795.*
- Striatulus*. Black; abdomen thickly striate beneath.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 74. n. 796.*
- Festinus*. Entirely black, glabrous: thorax ferruginous.
Inhabits——Size of a louse: *thighs* clavate.
- Globosus*. Black; thorax globular with 2 rough raised lines.
Inhabits *Siberia*. *Lepech. It. 2. tab. 11. fig. 34.*
- Incurvatus*. Entirely piceous; shells striate, transversely impressed in
the middle.
Inhabits *Siberia*. *Lepech. It. 2. tab. 11. fig. 35.*
- Ovatus*. Ovate, black-brown: shells with 8 smooth striæ.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 348. n. 4.*
- Rotundatus*. Black, smooth: shells rounded behind.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 351. n. 8.*
- Subvillosus*. Entirely ferruginous, subvillous.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 351. n. 9.*
- Alaber*. Entirely ferruginous, smooth.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 351. n. 10.*
- Signarius*. Thorax with 2 cavities: shells violet or rufous: antennæ
and legs ferruginous.
Inhabits *Europe*. *Degeer. Ins. 5. tab. 2. fig. 15—18.*
The *larva* is found under the bark of Pines.

Lardarius. Oblong, yellow-tawny: eyes black: shells striate punctured.

Inhabits *Belgium*. *Degeer. Inf. 5. tab. 2. fig. 25. 26.*

Ciliatus. Ovate, piceous: shells striate punctured: thighs curved, the hind-ones ciliate within.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 937.*

Bicolor. Ovate; shells striate: above black, beneath antennæ and legs ferruginous.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 938.*

Ater. Black; antennæ ferruginous.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 939.*

Lunatus. Black, impressed: thorax lunate: shells striate: legs ferruginous.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 941.*

Hispidus. Black, rough: shells striate, with a rufous spot at the base each side: antennæ and shanks rufous.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 942.*

Glabratus. Ferruginous; head thorax and striate shells black: mouth ferruginous: legs livid.

Inhabits *Europe*. *Mus. Lesk. p. 42. n. 943.*

b. Lip horny, bifid. Trogosita.

Cæruleus. Blue, polished: head with an impressed line,

Olivier's Insects 2. 19. tab. 1. fig. 1.

Inhabits *France*, in stale bread: shells subpunctured.

**Caraboides* Black; thorax oval margined: shells striate.

Inhabits *Europe*. *Oliv. Ins. 2. 19. tab. 1. fig. 2.*

Thorax flat, margined: shells convex, rounded.

Virescens. Mandibles 3-toothed: body green bronzed.

Inhabits *America*. *Oliv. Ins. 2. 19. tab. 1. fig. 5.*

Head grooved: thorax and shells smooth: body beneath dusky.

Bidens. Black; thorax oval margined: shells striate: fore-shanks 2-toothed.
Inhabits *France*; twice as large as *T. caraboides*.
Thorax depressed: *shells* striate punctured.

Thoracius. Black, glabrous: head thorax and legs dull rufous.
Inhabits *Lapland*; size of *T. caraboides*.
Shells a little rufous on the outer margin.

Brunneus. Chestnut-brown: thorax flat, grooved.
Inhabits *France*. *Ips. fulcata.* *Oliv. Ins. 4, 1. tab. 1. fig. 1.*
Antennæ nearly perfoliate: *thorax* with abbreviated grooves:
shells striate.

Ferrugineus. Ferruginous; shells striate testaceous: shield entire.
Inhabits *Africa* and *American Islands*. Small.

c. *Jaw* membranaceous, bifid. *Lyctus.*

* *Minutus.* Black, antennæ and legs ferruginous: thorax flat, oblong punctured.
Ips picipes. *Oliv. Inf. 2, 13. tab. 2. fig. 12.*
Inhabits *Europe*, on agarics growing on trees.
Varies in having the *body* entirely ferruginous.

Brunnipes. Chestnut-brown: breast and abdomen blackish: thorax oblong flat.
Inhabits *Dresden*; small.
Antennæ ferruginous: *shells* black striate.

2-pustulatus. Black, glabrous: shells with a ferruginous dot.
Inhabits *Saxony*; small.
Head and *thorax* smooth depressed: *shells* slightly striate: *body* black: *legs* ferruginous.

Dentatus. Black: thorax ovate flat, toothed each side.
Inhabits *South America*; small.
Antennæ chestnut: margin of the *thorax* 6-toothed each side:
shells striate: *legs* chestnut-brown.

Cassaneus. Ferruginous; shells smooth testaceous.
Inhabits *America*. *Lyctus brunneus.* *Fabricius.*
Antennæ clavate: *shells* slightly striate.

Tenebrans. Oblong, ferruginous: shells striate punctured.
Inhabits *Germany*. *Ips tenebrans*. *Oliv. Inf. 2. tab. 1. fig. 7.*
Thorax punctured, a little reflected at the edge.

Juglandis. Dusky; shells striate: antennæ and legs testaceous.
Inhabits *Saxony*. Shells with crenate striæ, brown sometimes
testaceous at the base, sometimes with only a testaceous dot.

Histerioides. Glossy-black: antennæ and legs piceous.
Inhabits *Denmark*, under the bark of trees.
Body small, oblong, depressed: shells striate.

Crenulatus. Black; thorax rugged: shells with crenate striæ and 2:
rufous spots.
Inhabits *Europe*. *Ips crenatus*. *Oliv. Inf. 2. tab. 1. fig. 9.*

Navalis. Rusty-brown: eyes black.
Inhabits *New Zealand*. Small.

Caniculatus. Dusky; thorax channelled: shells striate chestnut-brown.
Inhabits *Europe*. *Ips oblonga*. *Oliv. Inf. 2. tab. 1. fig. 5.*
Body long cylindrical, sometimes testaceous sometimes brown:
head and thorax slightly pubescent.

Nitidulus. Glossy-black: antennæ and legs ferruginous.
Inhabits *Germany*; twice as large as the last.

Contractus. Oblong, ferruginous: shells striate punctured, the suture
black.
Inhabits *France*. *Ips contracta*. *Oliv. Inf. 2. tab. 2. fig. 10.*

d. Jaw horny, 1-toothed. Sagra.

Femoratus. Brassy-green: hind-thighs and shanks toothed.
Inhabits *East India*. *Drury Inf. 2. tab. 34. fig. 5.*
Body large smooth polished: antennæ half as long as the body, the
last joints black: hind-thighs thick, 2-toothed: shanks sinuate:
at the tip and 1-toothed.

Dentipes. Black; hind-thighs and shanks toothed.
Inhabits the *Cape of good hope*. Body entirely black.
Hind-thighs thick, 2-toothed at the tip: shanks 3-toothed.

49. PIMELIA. *Antennæ* filiform: *feelers* 4: *thorax* plano-convex, margined: *head* exserted: *shells* rather rigid: *wings* (usually) none.

A. *Antennæ* moniliform at the tip.

a. *Feelers* filiform. Pimelia.

- Striata.* Black, glabrous: shells with 4 sanguineous striæ.
Inhabits India. Oliv. Ins. 59. tab. 1. fig. 11.
Body gibbous: antennæ brown at the tip: shells united, the 4 streaks meeting at the tip.
- Unicolor.* Glabrous, black: shells with 3 raised obsolete lines.
Tenebrio gibbus. Pall Icon. 1. tab. C. fig. 11.
Inhabits the Cape of good hope; less than the last.
- Flavicollis.* Glabrous, black: head white, villous behind.
Inhabits the Cape. Oliv. Ins. 59. tab. 3. fig. 26.
Large; fore and hind-margin of the thorax whitish.
- Gibba.* Black; thorax globular: shells with an abbreviated lateral carinate line.
Inhabits India; size of the last.
- Globosa.* Thorax globular very smooth: shells spinous behind.
Inhabits the Cape. Fabricius. App. p. 438.
Shells smooth at the base, with numerous sharp short spines at the tip.
- Lævigata.* Oblong, black; thorax globular: shells very smooth immaculate.
Inhabits Hungary: a little less than P. gibba.
Thorax broader than the shells, rounded at the sides.
- Glabrata.* Ovate, black: thorax globular: shells very smooth immaculate.
Inhabits Germany. Oliv. Ins. 59. tab. 2. fig. 14.
Thorax narrower than the shells: body ovate.
- Hispida.* Dull black: body rough with erect stiff hairs.
Inhabits Alexandria. Pall. Icon. 1. tab. 6. fig. 7.

Longipes.

- Longipes*. Black ; shells united muricate : legs long.
Inhabits *Egypt*.
Thorax rounded, glabrous, channelled.
- Rustica*. *Thorax* globular : grey ; shells with single raised angular line.
Inhabits the *Cape of good hope*. *Fabricius. App. p. 438.*
Thorax dusky : shells and legs grey.
- Muricata*. Black : shells obtuse with muricate striæ.
Inhabits *Southern Europe* and the *East*.
Oliv. Ins. 59. tab. 2. fig. 1.
- Tuberculata*. Black ; thorax rough : shells with subspinous tubercles.
Inhabits *Italy* ; half the size of the last.
Thorax rough with raised dots.
- Variolosa*. Black ; thorax smooth : shells with obtuse tubercles : legs long.
Inhabits the *Cape*. *Fabricius. App. p. 438.*
Head and *thorax* glossy-black : shells united.
- 2-punctata*. Black ; thorax globular with 2 impressed dots : shells rugged, with 3 raised smooth striæ.
Inhabits *Italy* ; size of the last.
- Scabra*. Black ; shells rough : antennæ and legs brown.
Inhabits the *Cape*.
Thorax gibbous smooth : shells rough with numerous small raised dots.
- Grossa*. Black ; shells rough with 3 smooth raised lines.
Inhabits *Barbary*. *Oliv. Ins. 59. tab. 1. fig. 5.*
- Angulata*. Shells spinous, with a lateral raised ferrate line.
Inhabits *Alexandria*. *Pall. Icon. 1. 55. 22.*
Thorax rounded, rough at the sides : shells united obtuse, with 3 rows of large spines and between these 4 rows of smaller ones, besides these is a prominent lateral ferrate line.
- Echinata*. *Thorax* spinous at the sides : shells with 3 raised spinous lines.
Inhabits the *Cape of good hope*.
Head dusky : *thorax* cinereous with long black spines, the anterior margin toothed, the lateral one with a sharp reflected spine : in the middle : shells deflected ashy-brown : *abdomen* black : legs cinereous.

- Dentata.* Thorax glabrous: body black: shells brown with 3 raised ferrate lines.
Inhabits the *Cape*.
Head and *thorax* smooth, dull black: *shells* paler with 3 ferrate black lines: *body* black: *legs* long unarmed.
- Porcata.* Thorax smooth polished: shells with 3 raised lines, the spaces between rough with raised dots.
Inhabits the *Cape*. Less than the last.
Head and *thorax* smooth black: *shells* united, deflected: *hind-legs* longer.
- Maculata.* Thorax black: shells cinereous spotted with brown, with 3 raised lines, the second slightly waved.
Inhabits the *Cape* of good hope.
Head and *thorax* rough with raised dots: *shells* with 2 lines of brown spots: *legs* cinereous with minute raised black dots.
- Serrata.* Thorax variolous; shells with 3 raised ferrate lines, the interstices rugged: legs long.
Inhabits the *Cape*: small.
Thorax black, with impressed dots: *shanks* dull rufous.
- Minuta.* Thorax smooth dusky: shells cinereous rough, with 3 raised smooth lines.
Inhabits the *Cape*. *Oliv. Ins.* 59. *tab.* 2. *fig.* 21.
Legs cinereous: *fore-shanks* with 3 rufous teeth.
- Rugosa.* Thorax rough: shells rugged, narrower before.
Inhabits *Egypt*. *Body* black opaque.
Thorax rounded immarginate, narrower than the shells: *shells* united, the spaces between the lines rough.
- Spinosa.* Thorax margined, spinous before and behind: shells with raised smooth striæ.
Inhabits *Southern Europe* and the *East*.
- Acuminata.* Thorax margined, the fore and hind margins spinous: shells smooth united.
Inhabits *Southern Europe*. *Body* entirely black.
Shells glabrous, with a single lateral raised line.
- Reflexa.* Thorax margined, reflected at the edges: shells muricate, with a single lateral raised line.
Inhabits the *East*. *Pall. Icon. tab.* C. *fig.* 6.
Thorax lunate before, very much reflected at the edges: *shells* united, with 2 lines of raised dots, and a lateral carinate line.

Fasciata.

- Fasciata.* Thorax suborbicular: body black: shells with 2 abbreviated yellow bands.
Inhabits *India*.
Head prominent black: *thorax* smooth narrower than the shells: *shells* united striate: *legs* black.
- Collaris.* Black; shells smooth with a single angle: thorax narrower than the shells: head depressed, carinate.
Inhabits *Southern Europe*.
The joints secrete a yellowish kind of oil.
- Carinata.* Black; thorax orbicular: shells with 3 raised smooth lines.
Inhabits *Southern Europe*.
Thorax rounded, the sides gibbous: *shells* united.
- Ciliata.* Black; depressed: thorax and shells ciliate, the latter reflected at the edges.
Inhabits the *Cape*. *Oliv. Ins.* 59. *tab.* 2. *fig.* 19.
Head small: *thorax* with a deep cavity for the reception of the head, dilated at the edge: *shells* united flat smooth.
- Lineata.* Thorax rounded, rough: shells with 3 lines of raised dots and between these 3 white lines.
Inhabits *Siberia*; small.
Head black subspinous: *thorax* rough with raised dots: *shells* flat on the disk, reflected at the sides, the lateral line serrate: *fore-shanks* serrate without.
- Leucographa.* Thorax rounded, rough: shells cinereous, with 9 black raised lines.
Inhabits *Saxony*. *Pall. Icon. tab.* C. *fig.* 2. Small.
Head and *thorax* black: *shells* with 4 raised lines on each and a fifth common one: *legs* black: *fore-shanks* serrate.
- Glabra.* Black; thorax rounded smooth: shells very smooth.
Inhabits *Egypt*. *Oliv. Ins.* 59. *tab.* 2. *fig.* 13.
Varies much in size. *Shells* united, obtuse.
- Angustata.* Glabrous; thorax narrowed behind: shells pointed.
Rhinomacer brentoides. *Ross Fn. Etr. tab.* 3. *fig.* 14.
Inhabits the *East*. *Body* entirely glossy-black.
Shells united, very finely striate punctured.
- Orbiculata.* Glabrous: thorax orbicular: shells pointed.
Tenebrio Nomas. *Pall. Inf. Ross.* 1. *tab.* C. *fig.* 8.
Inhabit the *East*. *Body* entirely glossy-black.
Thorax narrower than the shells: *shells* united.

- Cephalotes*. Thorax ciliate at the fore and hind edges : shells very rough, with 4 raised lines, the lateral ones carinate and sub-ferrate.
Inhabits the Deserts of *Ural*. *Pall. Icon.* 1. tab. C. fig. 15.
- Convexa*. Black, smooth : thorax orbicular convex, truncate before,
Inhabits *Europe* and *Africa*.
- Linearis*. Black, smooth : legs ferruginous : antennæ very short.
Inhabits *Sweden* : probably not of this division.
- Pubescens*. Ovate, pubescent, opaque : shells with each 4 denticulate ribs.
Inhabits *Egypt*. *Pall. Inf. Ross.* 1. tab. C. fig. 19.
Thorax roundish : shells united, the third line crenate.
- Aurita*. Thorax margined, dilated on the fore-part : shells bicarinate, with 2 gibbosities.
Inhabits *Mauritania*. *Pall. Inf. Ross.* 1. tab. C fig. 5. a. b.
Body entirely black, glabrous.
- Didyma*. Thorax widely margined, 2-horned behind : shells angular, with 2 gibbosities.
Inhabits *Mauritania*. *Pall. Inf. Ross.* 1. p. 42.
Body entirely black, glabrous.
- Caspica*. Ovate, slightly depressed : thorax excavated before and behind : shells carinate each side, with alternate rough and smooth bands.
Inhabits near the *Caspian Sea*. *Pall. Icon.* tab. C. fig. 13.
- Subglobosa*. Subglobular ; shells with smooth raised dots and about 4 ribs, the outmost carinate and crenulate.
Tenebrio subglobosus. *Pall. Inf. Ross.* 1. tab. C. fig. 16. a. b.
Inhabits *Southern France* and the dry deserts of *Tartary*.
Moves very slowly and is infested with the *Gordius*; probably only a variety of *Pimelia rugosa*.
- Silphoides*. Sides of the thorax pointed behind, jagged before : shells with 3 smooth striæ.
Inhabits *Mauritania*. *Tenebrio silphoides*. *Syst. Nat.* xii.
- Tibialis*. Black, smooth : fore-thanks compressed, 1-toothed.
Inhabits *Africa* and *Spain*. Body entirely opaque.

Femoralis. Black, smooth: thighs thick, channelled beneath.
Inhabits *Germany*. *Tenebrio femoralis*. *Syst. Nat.* xii.

Striatula. Black; shells ovate oblong, striate:
Inhabits *Spain*. *Tenebrio striatulus*. *Syst. Nat.* xii.

Laticollis. Oval, depressed, deep black, smooth: thorax very broad, margined, excavated before truncate behind: shells substriate.
Inhabits the *Cape of good hope*. *Pall. Inf. Ross.* i. tab. H. fig C. 21.

Vittata. Gibbous, black: shells united, glabrous, with 3 scarlet striæ and future each side: legs unarmed.
Inhabits out of *Europe*. *Mus. Lesh.* p. 42. n. 932.

b. *Feelers clavate*. Blaps.

Gages. Black; thorax rounded: shells mucronate, very smooth.
Inhabits *Southern Europe*. *Sulz. Hist. Inf.* 64. tab. 7. fig. 9.
Very much resembles *P. mortisuga*, but is twice as large.

Sulcata. Shells mucronate, grooved.
Inhabits the *East*: about half the size of *P. mortisuga*.
Shells united, with 8—9 smooth grooves.
This insect is sold in *Turkey*, as a specific against pains in the Ears and the bite of Scorpions; and is boiled with butter, and eaten by the Turkish Ladies, for the purpose of making them grow fat.

* *Mortisuga*. Black; shells mucronate, subpunctured.
Inhabits *Europe*. *Schaeff. Icon.* tab. 37. fig. 6. tab. 6. fig. 13.
This inoffensive animal is regarded as a presage of the death of one in the family, by the common people in *Sweden*, if it is seen crawling about the house.

Excavata. Thorax angular behind: shells with indented dots, somewhat pointed.
Inhabits *Coromandel*. *Peters. Gazoph.* tab. 92. fig. 14.
Thorax smooth black margined, subsinuate behind with acute angles: shells black, striate punctured.

Granulata. Black, depressed: shells with subspinous tubercles..
Inhabits the *Cape of good hope*: broader than the others.

Buprestoides Ovate, black : shells united, very smooth.

Inhabits the *Cape of good hope*. *Pall. It. 2. p. 719. n. 44.*

Dermestoides Black, ovate : shells obsoletely striate : shield emarginate.

Inhabits *Saxony* ; resembles the last, but is distinguished by having the shield notched and the shells slightly striate.

Obtusa. Thorax angular behind : body black : shells obtuse striate.

Inhabits *Coromandel*. Blaps striata. *Fabricius*.

Head and thorax smooth opake : shells united.

Capensis. Ovate, depressed, black : thorax with dilated margins : 4 fore-shanks 1-toothed.

Inhabits the *Cape*. Blaps dentipes. *Fabricius. Append. p. 439.*

Body large : head obtuse subemarginate : thorax broad rounded : shells united substriate, inflected at the tip.

Emarginata Black ; shells with crenate striæ : lip emarginate.

Inhabits *Morocco* : middle-sized.

Head square : thorax rounded at the sides : shells obtuse.

Granulosa. Black ; shells with 3 raised lines and small raised dots between them : thorax emarginate.

Silpha granulata. Oliv. Inf. 2. tab. 2. fig. 10.

Inhabits *Africa*. Blaps variolosa. *Fabricius*.

Thorax margined punctured : body and legs black.

Sublævigata. Depressed, black : shells with 3 raised smoothish lines.

Inhabits *Morocco*. Blaps lævigata. *Fabricius*.

Tristis. Black ; shells grooved ; the grooves smooth.

Inhabits sandy plains of *Barbary*.

Shield retuse entire : thorax flat nearly square.

Serratula. Thorax thickened at the edge : shells with 3 raised crenate lines.

Inhabits the *Cape of good hope*. Blaps ferrata. *Fabricius. Append.*

Head obtuse emarginate : thorax flat, with 2 raised lines meeting before, slightly ferrate beneath : body dusky.

Femorata. Black ; hind-thighs channelled beneath and covered with ferruginous down.

Inhabits *Germany*. Blaps femoralis. *Fabricius*.

Head emarginate before : shells hardly striate.

- Tibiata*. Black; shells striate: fore-shanks dilated triangular.
Inhabits the *Cape of good hope*. Blabs tibialis. *Fabricius. Append*
Head and thorax glossy-black: shells striate.
- Crenata*. Thorax angular behind: grey-brown: shells with crenate
striae, obtuse.
Inhabits *Coromandel*; small.
- Helopioides*. Oblong, black: shells very smooth.
Inhabits *Europe*. Blabs glabra. *Fabricius*: Small.
- Punctata*. Black; antennae ferruginous: shells striate punctured.
Inhabits *South American Islands*. Small.
- Glabrata*. Black; shells latticed: antennae ferruginous at the tip.
Inhabits *South America*.
Antennae filiform, the 3 last joints ferruginous: shells striate and
between the striae lines of impressed dots.
- Speciosa*. Subovate, bronzed, winged: shells highly polished striate,
with coppery and green lines.
Inhabits *Brazil*. *Pall. Inf. Ross. 1. tab. C. fig. 3.*
- Chrysomeloides*. Ovate, very rough: thorax longitudinally ridged: shells with
3 tuberculate lines.
Inhabits *Mauritania*. *Pall. Inf. Ross. 1. p. 52.*
- Costata*. Subglobular, roughish, opaque: shells with each 3 crenulate
ribs, the outmost carinate.
Inhabits *Siberia*. *Pall. Inf. Ross. 1. tab. C. fig. 18.*
- Torulosa*. Ovate, subglobular: shells tuberculate, convex, without
ribs.
Inhabits the *Cape of good hope*. *Pall. Inf. Ross. 1. tab. C. fig. 17.*
- Agricola*. Pale rufous: head and thorax black.
Inhabits *Germany*. *Scopol. Ann. Hist. 5. p. 108. n. 101.*
- Sabulosa*. Black; shells rugged, pointed behind.
Inhabits *France*. *Geoffr. Ins. par. 1. tab. 6. fig. 6.*
- 8-striata*. Black; shells with 8 punctured striae disposed in pairs.
Inhabits *France*. *Geoffr. Ins. par. 1. p. 348. n. 3.*

B. *Antennae entirely filiform.*a. *Feelers 4, filiform.* Sepidium.

- Tricuspidata.* Thorax with 3 teeth before : body grey.
Inhabits *Arabia* : middle-sized.
Thorax gibbous carinate : shells united obtuse, with a raised muricate line in the middle and another lateral one.
- Similis.* Thorax dusky, with 3 teeth : disk of the shells whitish with 3 brown lines.
Inhabits *Barbary* ; resembles the last.
Antennae black : *front* whitish : *thorax* with 2 deep villous white grooves : *shells* united, with a lateral ferrate line, dusky, the common disk white with 5 oblique black lines near the future : *legs* cinereous : *tarsi* black.
- Cristata.* Thorax with 3 teeth, crested : body variegated.
Inhabits *Arabia*. *Pall. Icon. Inf. Ross. tab. C. fig. 26.*
Head flat grey : anterior spine on the thorax a cloven crest : *thorax* black with 3 white lines : *shells* varied with white and black, with 2 carinate lines, spinous behind : *legs* grey.
- Reticulata.* Thorax angular at the sides ; shells reticulate.
Inhabits the *Cape of good hope* ; size of *P. tricuspidata*.
Head and *thorax* black with sometimes a few brown villous spots : *thorax* ending each side in a sharp angle : *shells* when young grey, when old black with numerous raised lines crossed with others : *legs* black.
- Torrugosa.* Thorax smooth ; glossy-black : shells rugged, with a single raised line.
Inhabits the *Cape* ; size of the last.
Antennae cinereous villous : *shells* rough with transverse black small lines and single raised longitudinal ones.
- Vittata.* Thorax subangular : shells black, with 2 white fillets and a single raised line.
Inhabits the *Cape of good hope* ; half the size of the last.
Thorax margined with a small obtuse angle, black in the middle, the edge cinereous downy.
- b. *Fore-feelers hatchet-shaped, hind-ones clavate.* Helops.
- Laminata.* Black ; thorax nearly square, smooth : shells grooved : fore-shanks incurved, with a round ferruginous appendage at the tip.
Inhabits *India* ; very large.
Head flat, smooth : *thorax* square, a little impressed on the back : *tarsi* covered beneath with ferruginous down.

Punctulata.

Punctulata. Black ; thorax square, the edges slightly toothed : shells striate punctured.

Inhabits *India* ; large.

Sides of the *thorax* with 3 small teeth, the back with 2 impressed dots : *shells* with small distinct lines and dots : *tarsi* beneath covered with ferruginous down.

**Cærulea*. Blueish ; thorax suborbicular : shells striate.

Inhabits *Europe*. *Petev. Gazoph. tab. 22. fig. 6.*

Antennae and *legs* black.

Lanipes. Bronzed : shells ferrate pointed.

Inhabits *Germany*. *Schaeff. Icon. tab. 53. fig. 3.*

**Antennae* black : *thorax* square.

Marginata. Black ; shells with a sanguineous edge all round.

Inhabits *Guinea* : size of the last.

Shells striate, black with a blue gloss : *breast* rufous.

Æruginosa. Green bronzed : antennæ shells and legs black.

Inhabits the *Cape of good hope* ; size of the last.

Antennae black ferrate, a little thicker upwards : *shells* with crenate striæ.

Bicolor. Above dull brassy ; beneath black : shells striate:

Inhabits *South American Islands* ; small.

Thorax smooth : *shells* with smooth striæ.

**Serrata*. Black : claws ferruginous : feelers projecting.

Inhabits *Europe*. *Chrysomela caraboides. Syst. Nat. xii.*

Body oblong : *thorax* flat, with an impressed dot each side : *shells* substriate obtuse, with a slight brassy tinge.

Barbata. Black : feelers projecting, and with the legs yellowish.

Inhabits *Saxony* ; half the size of the last.

Antennae brown, ferruginous at the base and tip : *shells* striate.

Caniculata. Black ; thorax channelled, impressed each side : shells striate: feelers projecting.

Inhabits *Saxony* ; size of *B. serrata*.

Thorax unequal : *shells* with raised striæ : *tarsi* piceous.

Hæmorrhoidalis. Head and thorax azure : shells green, with crenate striæ : tail rufous,

Inhabits *India* : size of the preceeding ones.

Antennae black : *thorax* rounded subpunctured : *body* brassy-green, last segment of the *abdomen* rufous.

- urida.* Black ; antennæ and legs brown.
Inhabits *Brasil*.
Thorax with a small impressed dot at the base each side : *shells* striate.
- lævis.* Black ; thorax channelled, tapering behind : shells smooth.
Inhabits *Saxony*. *Body* black, not polished.
- Equestris.* Black ; shells with an abbreviated gold band.
Inhabits *Brasil*.
Antennæ black, the joints obconic : *thorax* rounded gibbous pubescent : *shells* pubescent smooth : *legs* unarmed black.
- Maura.* Black ; thorax rounded each side, smooth : shells with indented dots.
Inhabits *East India* : large.
Head smooth : *shield* rounded entire : *shells* united striate with broad distant hollow dots.
- Morio.* Black ; thorax square, smooth : shells with punctured grooves.
Inhabits *North America* ; larger than *P. nigrita*.
Antennæ slightly moniliform at the tip, the last joint longer, ovate : *body* beneath black.
- Nigrita.* Black ; thorax rounded at the edges : shells with crenate grooves.
Inhabits *Tranquebar* : *body* black immaculate.
Antennæ slightly moniliform at the tip : *thorax* with an acute hind-angle : ends of the *legs* with rufous wool beneath.
- Picicornis.* Ovate, black : shells striate : antennæ and abdomen piceous.
Inhabits *East India* ; middle-sized.
Head and *thorax* smooth glabrous black immaculate.
- Rufipes.* Black ; shells antennæ and legs rufous.
Inhabits *New Holland* ; less than *P. lanipes*.
Thorax with 2 impressed dots each side behind : *shells* striate.
- Longipes.* Black : shells striate : legs long : second pair of shanks bearded.
Inhabits equinoctial parts of *Africa*. Large, gibbous.
Thorax gibbous smooth : second pair of *shanks* bearded with rufous hairs.

Capensis. Ovate, black : thorax smooth : shells striate.

Inhabits the Cape. *Fabricius. App. 440.*

Feelers projecting : last joints of the *antennae* subferruginous : *thorax* rounded at the edges : *shells* with crenate striæ and most minute dots.

Marginata. Ovate ; thorax thickened at the edges : shells striate smooth.

Inhabits the Cape. *Fabricius. App. 440.*

Thorax black with a raised margin : *body* black.

Atra. Black ; shells striate : antennæ and legs brown.

Inhabits Germany.

Thorax rounded before, truncate behind.

**Anglica*. Black ; thorax rounded before : shells striate punctured : antennæ rufous at the tip.

Inhabits England ; rather rare.

Antennæ moniliform at the tip, the last joint ovate rufous : *thorax* rounded before, truncate behind.

Hottentotta. Black ; shells with crenate striæ.

Inhabits France ; less than the last.

Head and *thorax* smooth black : *body* black.

Bankii. Black ; shells grooved punctured : fore-thighs sharply toothed.

Inhabits Caromandel. *Helops dentipes. Fabricius.*

Head and *thorax* smooth dusky-black : *shells* with a line of impressed dots in each groove.

Undata. Black ; thorax rufous with black spots : shells rufous with waved black bands.

Inhabits Cayenne ; size of *P. atra*.

Thorax with a fine black edge and a few oblong dorsal black spots, the middle one nearly forming a band : *shells* smooth with 4 bands, the first at the base ferrate and punctured, 2. 3. in the middle very much waved, 4 at the tip with a large oblong ferruginous spot.

**Quisquilia* Black ; antennæ and legs ferruginous.

Inhabits Europe, in filth and manure.

Flavipes. Brown ; mouth and antennæ and legs ferruginous : shells with crenate striæ,

Inhabits South American Islands ; less than the last.

Antennæ ferrate : *thorax* smooth dusky.

Ruficollis.

Ruficollis. Ferruginous; shells striate black.
Inhabits Saxony; size of the last.
Head dusky: body and thorax ferruginous.

Cyanea. Blue: thorax punctured: shells striate.
Inhabits Germany; small.
Body entirely blue immaculate: shells striate punctured: legs more dusky.

Violacea. Cylindrical, varied with fine polished blue and violet: abdomen red behind; shells striate punctured.
Inhabits Brasil. *Pall. Ins. Ross. 1. tab. C. fig. 4.*

Leucographa. Ovate; thorax very rough, uneven; shells carinate rough, with longitudinal whitish smooth stripes.
Inhabits Siberia. *Pall. Ins. Ross. 1. tab. C. fig. 20.*

Buparia. Winged, black, glabrous: thorax lunate: jaws strong, toothed, as long as the head.
Inhabits Spain. *Forst. Nov. Ins. 1. p. 61. n. 61.*
About the size of *Lucanus interruptus*, and resembles *Tenebrio fossor*.

50. MANTICORA. *Antennæ* filiform, the joints cylindrical: *feelers* 4, filiform: *thorax* rounded before, emarginate behind: *head* projecting: *mandibles* exerted: *shells* united: *wings* 0.

Maxillosa. M.

Inhabits the Cape of good hope. *Oliv. Ins. 37. tab. 1:*
Body large black: head subglobular, impressed each side: *mandibles* toothed at the inner base: *thorax* impressed in the middle, elevated behind, the margin rounded and notched at the tip: *shells* above flat rough, deflected at the edge, with a very sharp lateral ferrate line: *legs* simple black.

51. ERODIUS. *Antennæ* moniliform: *feelers* 4, filiform: *body* roundish, gibbous, immarginate: *thorax* transverse: *shells* closely united, longer than the abdomen: *jaw* horny, bifid: *lip* horny, emarginate.

Testudinarius. Black ; shells united, rough, the sides covered with whitish dust.

Inhabits the *Cape of good hope* : large.

Thorax widely emarginate before for the reception of the head, black, sprinkled at the edge with whitish dust : *shells* very gibbous, with raised small dots : *legs* simple black.

Gibbus. Black ; shells with 3 raised lines.

Inhabits *Arabia* ; middle-sized and very gibbous.

Shells obtuse with 3 raised smooth lines : *fore-shanks* with a strong tooth in the middle and at the tip.

Planus. Black ; shells with a single raised line.

Inhabits *Arabia* ; half the size of the last : *legs* unarmed.

Minutus. Black ; shells quite smooth.

Inhabits the *East* ; very small and glabrous.

Thorax with 2 impressed dots on the back : *legs* unarmed.

52. **LYTTA.** *Antennæ* filiform : *feelers* 4, unequal, the hind-ones clavate : *thorax* roundish : *head* inflected gibbous : *shells* soft, flexile, as long as the abdomen.

Vesicatoria Green : *antennæ* black.

Inhabits *Europe*, on the Ash and Elder trees.

Cantharis vesicatoria. *Oliv. Ins.* 46. *tab.* 1. *fig.* 1.

This insect is used in pharmacy, chiefly for the purpose of raising blisters : it multiplies greatly and has a nauseous smell, not much unlike that of mice : the odorous particles exhaled from them are extremely corrosive.

Segetum. Golden ; shells green.

Inhabits *Barbary* ; among corn : less than the last.

Antennæ black : *head* and *thorax* sometimes golden sometimes green with a gold gloss : *body* golden : *legs* dusky.

Nitidula. Green bronzed : shells testaceous : *antennæ* black.

Inhabits the *Cape* ; less than *L. vesicatoria*.

Collaris. Black ; crown thorax and legs ferruginous : shells azure.

Inhabits Southern parts of *Russia* ; large.

Antennæ ferruginous : edge of the *thorax* a little black. The male is as small again as the female.

Gigas.

- Gigas*. Azure; breast ferruginous.
Inhabits *Guinea*. *Oliv. Ins.* 46. tab. 1. fig. 9.
Size of *L. vesicatoria*: one sex has the shells striate, the other smooth.
- Syriaca*. Villous, green-blue: thorax rounded, ferruginous.
Inhabits *Southern Europe*. *Oliv. Ins.* 46. tab. 1. fig. 5.
- Ruficollis*. Glabrous, green-gold: thorax rufous, tapering before.
Inhabits *East India*. *Oliv. Ins.* 46. tab. 1. fig. 6.
- Testacea*. Above testaceous: shells with a large oblong black spot near the tip.
Inhabits *Tranquebar*.
Head testaceous: mouth and antennae black: thorax punctured testaceous: shells smooth: body black.
- Festiva*. Shining brassy-green: shells testaceous with brassy-green spots.
Inhabits *Siberia*. *Pall. Iter.* 2. p. 721. n. 54.
Body entirely green bronze: spot on the shells varying.
- Marginata*. Black; margins of the shells pale cinereous.
Inhabits the *Cape*. *Oliv. Ins.* 46. tab. 1. fig. 2.
Less than *L. vesicatoria*: above opaque, beneath cinereous.
- Vittata*. Shells black, with a yellow fillet and margin.
Inhabits *America*.
Cantharis vittata. *Oliv. Ins.* 49. tab. 1. fig. 3.
Head yellowish: crown with 2 black spots: thorax black with 3 yellow lines: abdomen and legs black.
- Atrata*. Body black, immaculate.
Inhabits *Barbary*. *Meloe pensylvanica*. *Degeer.* t. 13. fig. 1.
Half the size of the last, and entirely deep black.
- Erythrocephala*. Black; head testaceous: thorax and shells with cinereous lines.
Inhabits *Austria*. *Hérbst. Arch. Ins.* 6. tab. 30. fig. 2.
Head testaceous with a black line down the middle: mouth black: thorax channelled.
- Oculata*. Black, with a yellow callous dot behind the eyes.
Inhabits *Guinea*; less than the former ones.
Body entirely black immaculate: behind the eyes each side is a large raised yellow dot. Female apterous, shells abbreviated.

- Dubia*. Black ; crown fulvous : thorax and shells immaculate.
Inhabits *Siberia*, *Meloe algiricus*. *Sulz. Ins. tab. 7. fig. 12.*
- Afra*. Black ; thorax rufous.
Inhabits *Africa*.
Cantharis afra. Oliv. Inf. 46. tab. 1. fig. 4.
- Hæmorrhoidalis*. Blackish-blue , end of the abdomen rufous.
Inhabits the *Cape* ; small.
Antennæ black : *head* and *thorax* villous : *body* blueish.
- 4-maculata*. Black, glabrous : breast downy : shells yellow-grey with 2 square black spots.
Inhabits *Siberia* *Pall. It. 2. app. n. 48.*
Like the next, exsudes a fragrant oil from the legs.
- Fenestrata*. Glabrous, pale testaceous : thorax depressed : shells grey tipped with black, with 2 square hyaline spots.
Inhabits *Siberia*, among flowers. *Pall. It. 2. app. n. 47.*
- Clematidis*. Black with a steel-blue gloss : shells pale testaceous immaculate.
Inhabits *Siberia*, on the *Clematis*. *Pall. It. 2. app. n. 51.*
- Uralensis*. Black, opaque, glabrous.
Inhabits *Siberia*. *Pall. It. app. n. 56* : size of a common fly.
Is not sufficiently distinct from *L. atrata*.
- Sibirica*. Black, opaque, glabrous : shells edged with white : head red : eyes mouth and antennæ black.
Inhabits *Siberia*, on the *Lotus*. *Pall. It. app. n. 50.*
Middle joints of the *antennæ*, in the male, compressed and armed with a tooth.
- Lutea*. Black, woolly : shells ventricose, subcompressed, pale yellow with 6 black dots.
Inhabits *Siberia*. *Pall. It. app. n. 54.*
- Ocellata*. Black, woolly : legs testaceous : head thorax and shells yellowish, the latter with 6 ocellate black spots in the middle.
Inhabits near the *Caspian Sea*. *Pall. It. App. n. 53.*
Like the last exsudes an oil from the legs.

- Pectinata*. Antennæ pectinate: body black: front red.
Inhabits *Siberia*. *Lepech. It.* 2. p. 200. tab. 11. fig. 26.
- Cinnabarina*. Black; thorax above, shells and head each side red.
Inhabits *Carniola*. *Scopol. Ent. Carn.* n. 186.
- Rufa*. Black; head rufous.
Inhabits *Carniola*. *Scopol. Ann. Hist.* p. 103. n. 82.
- Subvillosa*. Yellowish, subvillous: antennæ tapering.
Inhabits *France*. *Geoff. Ins.* p. 1. p. 343. n. 5.
- Bicolor*. Testaceous; shells tipped with black.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 344. n. 7.
- Formicaria*. Brown; fore-part of the shells and elongated thorax red.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 344. n. 8.
- Pubescens*. Black; head and thorax pubescent: shells yellow with a ferruginous spot each side behind.
Inhabits—*Mus. Lesk.* p. 43. n. 949.
- Ferruginea*. Ferruginous; head and thorax rufous: shells brown testaceous at the base.
Inhabits *Europe*. *Mus. Lesk.* p. 43. n. 949. b.

53. MELOE. Antennæ moniliform: thorax roundish: head inflected, gibbous: shells soft, flexile.

A. Wings 0: shells abbreviated.

- **Proscarabæus*. Entirely blue-black or dark violet.
Inhabits *Europe*. *Donovan's English. Ins.* ii. plate 43.
When touched exsudes a yellowish moisture from the pores: head broad: thorax narrower than the head: shells very short and oval: abdomen long: the female is thrice as large as the male.
- **Variegatus*. Dull green; thorax edged with red: shells punctured.
Inhabits *Europe*. *Donovan's Engl. Ins.* ii. plate 67.
Antennæ purple: head and thorax dull green, edged with purplish-red: shells short, very minutely punctured: body large, above variegated with red green and copper, beneath and legs purple.

Majalis.

- Majalis.* Dorsal segments of the abdomen red.
Inhabits *Europe*. Schaeff. *Icon. tab. 3. fig. 6.*
Resembles *M. proscarabæus*, and is perhaps only a variety.
- Marginata.* Black; thorax and shells edged with ferruginous.
Inhabits *Italy*. Oliv. *Inf. 45. tab. 1. fig. 3.*
Shells short smooth coriaceous: abdomen and legs black:
- *Punctata.* Black; thorax and shells with minute punctures.
Inhabits *England*. Meloc tuccia. Ross. *Fn. Etr. 1. tab. 4. fig. 5.*
Size of *M. proscarabæus*; probably only a variety.
- *Tecta.* Blue-black: shells nearly as long as the abdomen: antennæ thicker in the middle.
Inhabits *Europe*. Donovan's *English Ins. vii. plate 240.*
Smaller than *M. proscarabæus*; and differs in the structure of the antennae and having the shells nearly as long as the abdomen.
- B. Winged; shells as long as the abdomen.
a. Jaw horny, bifid. Mylabris.
- Fasciata.* Black; shells with a yellow band in the middle.
Inhabits *India*; size of *M. cichroei*.
Head black: eyes testaceous: thorax black with a ferruginous spot each side: wings hyaline with ferruginous ribs and veins.
- Cichroei.* Black; shells yellow with 3 black bands.
Inhabits the *East*. Oliv. *Inf. 47. tab. 1. fig. 1, 2, 3, 8, 9, 10.*
Found on the *Cichoreum* or *Succory*, and varies much in the colour of the shells and disposition of the bands.
- Præusta.* Black; tip of the shells testaceous with a black spot.
Inhabits *Barbary*, among corn: less than the last.
- Marginalis.* Black; shells with a ferruginous margin.
Inhabits *Barbary*, on corn.
- Algirica.* Black; shells testaceous, immaculate.
Inhabits *India*. Lytta indica. Herbst. *Arch. tab. 30. fig. 3.*
- Capensis.* Black; shells with 6 yellow spots, the first curved.
Inhabits the *Cape of good hope*. Wulf. *Inf. Capens. tab. 1. fig. 5.*

Hermannia. Villous, black: shells with a yellow spot at the base and 2 indented yellow bands
 Inhabits *Guinea*, on the *Hermannia*.
 Resembles *M. cichorei*, but is not half as large.
Antennae black, ferruginous at the tip: *head* and *thorax* black with a few cinereous hairs.

Punctum. Villous, black: shells with 2 bands, the first yellow with a black dot, the hinder one rufous.
 Inhabits *Tranquebar*; less than *M. cichorei*.

10-punctata. Black; shells testaceous with 5 black dots.
 Inhabits *Italy*. *Oliv. Inf.* 47. *tab.* 1. *fig.* 4.
 About a third part the size of *M. cichorei*. *Antennae* black; dots on the shells 2, 2, 1.

4-punctata. Black; shells testaceous with 2 black dots.
 Inhabits *Russia*: resembles the last.

3-maculata. Black; shells yellow with a brown band and common dot.
 Inhabits the *East*. *Cyrl. Ent. Neap.* 1. *tab.* 3. *fig.* 7.
Shells with a common brown spot in the middle, and a brown band behind which hardly reaches the outer margin.

Argentata. Covered with silvery down: shells with yellowish spots, most of them connected at the margin.
 Inhabits *Senegal*; small.
Antennae ferruginous: shells with a small yellowish spot at the base, 3 marginal ones and 1 near the tip, all surrounded with a black ring; the tip yellowish, and a small black dot in the middle: *legs* ferruginous.

Americana. Black; thorax semicircular: shells with 3 yellow bands, the first curved, the rest confluent.
 Inhabits *America*. *Herbst. Arch. Inf.* 6. *tab.* 30. *fig.* 6.
 Tip of the *antennae* clavate and ochraceous.

Indica. Black; shells yellowish, fulvous behind, with a black dot and 3-lobed spot at the base indented band in the middle and semilunar margin at the tip.
 Inhabits *India*. *Herbst. Arch. Inf.* 6. *tab.* 30. *fig.* 7. b.

Elongata. Glossy-black: shells yellow varied with blue.
 Inhabits——*Herbst. Arch. Inf.* 8. *tab.* 48. *fig.* 3.

- Aurea*. Green-gold: shells fulvous.
Inhabits — *Degeer. Ins.* 7. n. 54. tab. 48. fig. 18.
- Arcuata*. Black, hairy: shells with a curved yellow spot on the forepart and 2 waved yellow bands.
Inhabits — *Degeer. Ins.* 7. n. 52. tab. 48. fig. 15.
Antennæ black, clavate at the tip.
- Bifasciata*. Black, hairy: shells with a yellow round spot on the forepart and at the outer angle, and 2 yellow bands.
Inhabits *India*. *Herst. Arch. Ins.* 8. tab. 48. fig. 2; large.
Antennæ yellow: base of the shells piceous. The yellow spot at the angle of the shells is sometimes wanting.
- Trifasciata*. Steel-blue with a greenish silky gloss: shells pale grey with 2 greenish-black bands, one of them common.
Inhabits near the *Caspian Sea*. *Pall. It.* 2. app. n. 52.
- Arata*. Deep glossy-black: shells with a yellow waved band towards the tip.
Inhabits near the *Caspian Sea*. *Pall. It.* 2. app. n. 55.
Antennæ clavate at the end: the legs secrete a kind of oil.
- Necydalea*. Black; shells red, a little shorter than the abdomen, distinct at the tip.
Inhabits *Russia*. *Pall. It.* 2. App. n. 49.
This species probably belongs to the division A.
- Pennsylvanica*. Entirely black, opaque.
Inhabits *Pennsylvania*. *Degeer. Ins.* 5. tab. 13. fig. 1.
- Chloroptera*. Black, snbvillous: shells yellow.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 344. n. 6.
First joint of the *antennæ* 3 times as large as the rest.
- Melanura*. Shells yellow with 4 black spots, the tip black: antennæ clavate.
Inhabits *Calabria*. *Petagn. Ins. Calabr.* p. 127. n. 136. fig. 13.
- Ochroptera*. Black; shells saffron, black at the base, each side before and behind the middle is a saffron dot, with a black interrupted band and tip.
Inhabits out of *Europe*. *Mus. Lesh.* 43. n. 952.

Bicolor.

Bicolor. Black ; shells yellow with a black dot each side at the base, the tip and a band in the middle which is broader at the edges black.

Inhabits out of *Europe*. *Mus. Lesh. p. 43. n. 953.*

b. *Faw linear, entire.* *Ceroconta.*

Schæfferi. Green ; antennæ and legs yellow.

Inhabits *Europe*. *Schæff. Elem. tab. 37. Icon. tab. 53. f. 8. 9.*
Shanks and tarfi (of the male) dilated, appendaged.

Vahl. Green ; antennæ and legs black.

Inhabits *Barbary*. *Abdomen* reddish at the base.

Schræberi. Green ; antennæ, legs and 3 segments of the abdomen yellow.

Inhabits *Europe*. *Antennæ* irregular, yellow.

Gouani. Black ; shells with a sanguineous band and tip.

Inhabits *France* ; probably not of this division.

54. MORDELLA. *Antennæ* moniliform or pectinate: *head* deflected and bent under the neck: *shells* curved downwards towards the tip: at the base of the *abdomen* and before the thighs is a broad lamina.

A. *Antennæ* moniliform: *fore-feelers* clavate, *hind-feelers* filiform.

Aculeata. Tail ending in a sharp point: body black immaculate.

Inhabits *Europe*, on flowers.

Schæf. Elem. 84. Icon. tab. 127. fig. 7.

Fosciata. Tail ending in a point: body black: shells with 2 cinereous bands.

Inhabits *Southern Europe*, on flowers.

Punctata. Tail ending in a point: shells black with 4 yellow dots, the first lunate.

Inhabits *South America*.

Head brown: *thorax* yellowish villous, with 4 brown dots before and waved streaks behind: *shells* truncate: *body* grey: *spine* at the end of the abdomen black.

- Testacea.* Black ; shells testaceous edged with black.
Inhabits *Africa*, on the *Daucus* : tail ending in a spine.
- Ventralis.* Tail ending in a spine : body black : abdomen fulvous.
Inhabits *Germany*.
Tail with a long black spine.
- * *Abdominalis.* Tail ending in a spine : body black : thorax and abdomen fulvous.
Inhabits *Europe*. *Sulz. Hist. Ins. tab. 7. fig. 15.*
Head, breast, shells, abdominal spine and legs black : thorax and abdomen fulvous polished immaculate.
- * *Humeralis.* Black : shells yellowish at the base.
Inhabits *Europe*, on flowers.
- Lateralis.* Black : mouth, sides of the thorax and legs testaceous.
Inhabits *Holstein*, on flowers : small.
- * *Frontalis.* Black ; front and legs yellowish.
Inhabits *Europe*, on flowers.
- Atra.* Black, immaculate : tail not spinous.
Inhabits *Denmark* ; size of *M. frontalis*.
- * *Thoracica.* Black ; head and thorax yellow.
Inhabits *Europe*, on flowers.
- Ruficollis.* Black ; mouth thorax and legs yellow.
Inhabits *France* ; resembles *M. thoracica*.
- * *Flava.* Yellow : shells tipped with black.
Inhabits *Europe*, on umbellate flowers.
- Tricuspidata.* Yellow : abdominal lamina blue : thorax tricuspidate behind : shells with 3 black dots.
Inhabits *Siberia*. *Lepech. It. 1. tab. 19. fig. 8.*
- Murina.* Pubescent, undulate, cinereous : thorax with 3 black spots.
Inhabits *Berlin*. *Herbst. Arch. Inf. 6. p. 148. n. 3.*
- 6-punctata.* Glossy-black : shells with 3 white dots.
Inhabits *Germany*. *Herbst. Arch. Inf. 6. p. 148. n. 4.*
- * *Oxyacantha.* Testaceous ; head black : thorax brown.
Inhabits *England*. *Forst. Nov. Inf. spec. 1. p. 63. n. 63.*
On the flowers of the *Cratægus oxyacantha*.

- **Melanopus* Black ; shells, thorax, head and legs testaceous.
Inhabits with the last. *Forst. Nov. Ins.* 1. p. 64. n. 64.
- **Bicolor.* Black ; shells testaceous tipped with black, a black band in the middle.
Inhabits *England.* *Forst. Nov. Ins.* 1. p. 65. n. 65.
- Perlata.* Glossy-black, subvillous : hinder margin of the thorax and 4 spots on the thorax pearly.
Inhabits the *Alps.* *Sulz. Hist. Inf. tab.* 7. fig. 14.
- Rufipes.* Brown ; legs ferruginous.
Inhabits *France.* *Geoffr. Ins. par.* 1. p. 355. n. 5.
- **Clavicornis.* Entirely piceous : antennæ clavate.
Inhabits *England.* *Forst. Nov. Inf.* 1. p. 66. n. 66.
Found on the flowers of the *Rhæum rhabarbarum*, and is probably not of this genus.
- B. *Antennæ pectinate* : feelers filiform. *Ripiphorus.*
- Subdiptera.* Shells very short, ovate, vaulted, paleish.
Inhabits *Provence.*
Antennæ yellow : *thorax* gibbous black ; *wings* exerted, longer than the body, whitish with a brown spot in the middle : *legs* dusky, pale rufous at the tip : *abdomen* of the male black, of the female pale with a black tail.
- Ferruginea.* Rufous ; breast, tail and legs black.
Inhabits *East India.*
Antennæ black shells pointed : *wings* brown.
- Nasuta.* Body entirely black immaculate.
Inhabits *Japan.* *Thunb. Nov. Inf.* 3. p. 66. fig. 77.
- Pectinata.* Rufous ; shells black.
Inhabits *America.*
Antennæ black : *head* rufous : *eyes* black : *thorax* narrower before, pointed behind : *shells* black at the base, with a cinereous blotch in the middle : *wings* black : *legs* rufous, the joints black.
- Paradoxa.* Black ; sides of the thorax and shells testaceous.
Inhabits umbellate plants of *Europe.*

- Flabellata*. Testaceous; mouth breast and back of the abdomen black.
 Inhabits *Italy*. *Cyrl. Ent. Neap.* 1. *tab.* 4. *fig.* 1.
Antennae black, the first joint ferruginous: *head* testaceous: *mouth* black: *abdomen* very obtuse, testaceous, black on the back.
- Punctata*. Thorax testaceous dotted with black: shells black edged with testaceous.
 Inhabits *Cayenne*.
Head testaceous: *antennae* black: dots on the *thorax* 4, 1, 2. margin and suture of the *shells* testaceous with a black dot at the tip: *legs* black: *shanks* testaceous at the base.
- 6-maculata*. Black; thorax ferruginous: shells testaceous with 3 black spots.
 Inhabits *America*.
Head black: front clavated, ferruginous: *abdomen* and *legs* black: *shanks* piceous.
- 2-maculata*. Ferruginous; breast black: shell testaceous with a black spot.
 Inhabits *Hungary*; large.
Head transverse, ferruginous: *mouth* black: *thorax* gibbous: *abdomen* very short, ferruginous: *tail* nearly truncate: *legs* ferruginous, the joints black.
- Dimidiata*. Black; shells yellow on the upper half.
 Inhabits——— *Body* glossy-black, except the upper half of the shells: *abdomen* very obtuse and almost truncate.
- Limbata*. Ferruginous; crown, disk of the thorax and shells black.
 Inhabits———size of *M. sexmaculata*.
Antennae black, the first joint ferruginous: *thorax* black in the middle, with a broad ferruginous border; *breast* with a lateral black spot: *abdomen* short obtuse with a large black spot each side: *legs* black: *thighs* ferruginous.
- Populnea*. Black; shells testaceous with 3 black bands, the first annular.
 Inhabits *Germany*, on the Poplar.
Head dusky: *antennae* ferruginous tip with black.

55. STAPHYLINUS. *Antennæ* moniliform: *feelers* 4: *shells* half as long as the body: *wings* folded up under the shells: *tail* not armed with a forceps, furnished with 2 exsertile vesicles.

These are an extremely rapacious tribe, devouring whatever insects they can catch, and frequently each other; many of them, when attempted to be caught, turn up the tail: the *jaws* are strong and exserted, with which they bite and pinch very hard: most of them are found in most damp places, among putrid substances, and a few upon flowers.

A. *All the feelere filiform.*

Aureus. Head thorax and shells covered with ferruginous down: abdomen black with cinereous bands.

Inhabits *Siam*; size of *St. hirtus*.

Antennæ black, the last joint ovate testaceous: *shield* projecting round dilated entire: *abdomen* with 2 broad cinereous downy bands dotted with black: *legs* subtestaceous: *thighs* black.

Hirtus. Hairy, black: thorax and hind-part of the abdomen yellow.

Inhabits sandy places of *Europe*. *Schaeff. Icon. tab. 36. fig. 6.*

Nebulosus. Pubescent, cinereous clouded with black: abdomen black: *shanks* testaceous.

Inhabits *Germany*; larger than *St. murinus*.

Antennæ black, the first joint ferruginous: *legs* black.

Murinus. Pubescent, cinereous clouded with black: abdomen deep black: *legs* black.

Found in rotten carcases and dung. *Schaeff Icon. t. 4. fig. 11.*

Shells blue polished beneath. *Larva* 6-footed naked pale, the *head* and 3 first segments of the *abdomen* chestnut brown, *tail* with 2 jointed bristles and a cylindrical tubercle beneath.

Pubescens. Pubescent, cinereous clouded: abdomen beneath covered with silvery down.

Inhabits *Sweden*; size of *St. murinus*. *Paykull. Monogr. 16. 9.*

Head grey villous with a yellowish streak on the fore-part: *antennæ* black: *legs* black: *thighs* ferruginous at the tip.

- * *Oleus*. Black, opake, immaculate: head broader than the thorax.
Inhabits *Europe*. *Geoffr. Ins.* 1. tab. 7. fig. 1. *Payk. Mon.* 9, 4.
- Similis*. Glossy-black: shells dusky: head broader than the thorax.
Inhabits *Germany*. *Schæff. Icon.* tab. 30. fig. 12.
Head and *thorax* punctured, with a raised dorsal line: *shells* very short.
- Picipennis*. Black, polished: shells piceous.
Inhabits *Germany*; resembles the last.
Head and *thorax* smooth: *shells* dull piceous.
- * *Maxillojus*. Pubescent, black with cinereous bands.
Inhabits *Europe*. *Donov. Eng. Inf.* iii. plate 96. fig. 3.
Jaws as long as the head: *antennae* longer than the head: *shells* covering one third of the abdomen: *legs* ending in small tufts of hairs.
- Oculatus*. Glossy-black: head with a fulvous spot each side.
Inhabits *New Holland* and *New Zealand*.
- Cyaneus*. Black, opake: thorax and shells blueish.
Inhabits *Italy*. *Paykull. Monogr.* 13, 7.
Size of *St. maxillofus*. *Head* broader than the thorax.
- Dilatatus*. Thorax margined, glossy-black: shells brown: antennæ ferrate.
Inhabits *Saxony*.
Antennae ferrate, hairy, black: *mandibles* forked: *sides* of the *thorax* with colours of various hues: *fore-shanks* short hairy.
- Fulgens*. Azure, polished: antennæ tipped with black.
Inhabits *Cayenne*. *Body* large and slender.
Head large ovate blue: first-joint of the *antennae* long blue, the last short black: *thorax* narrowed before: *legs* and *body* blue.
- * *Erythrop-terus*. Black; shells, base of the antennæ and legs red.
Inhabits *Europe*. *Schæff. Icon.* tab. 2. fig. 2.
Head and *thorax* unpolished black: *shells* with 2 triangular spots each side composed of a few gilded hairs.
- Aeneocephalus*. Black with a brassy-gloss: shells and legs testaceous: antennæ brown.
Inhabits *Germany*. *Paykull. Monog.* 11, 6.
Probably a variety of the last: *body* black: *legs* rufous.

- Germanus.* Black; head and thorax piceous unpolished: shells golden: fore-shanks dilated.
Inhabits *Germany*. *Staphylinus fossor. Fabricius.*
Antennae black: *thorax* villous, with a line in the middle at the base a little raised: *body* black with a few gold dorsal spots: *legs* ferruginous: *thighs* black.
- Erythrocephalus.* Black; head rufous: shells violet.
Inhabits *New Holland*.
Antennae black: *mouth* and dot on the *front* rufous: *thorax* glabrous, the fore-margin rufous in the middle.
- Pilosus.* Hairy, black: abdomen brown: shells rough.
Inhabits *Cayenne*. *Body* small short thick.
Antennae brown: *shells* rough with raised dots: *legs* compressed brown.
- Splendens.* Head and thorax very smooth black; shells bronzed: head broader than the thorax.
Inhabits *Germany*; a little larger than *St. politus*: *body* black.
- * *Politus.* Black; thorax and shells polished: thorax with a line of impressed dots.
Inhabits *Europe*. *Schaeff. Icon tab. 39 fig. 12.*
When first caught scatters a very fragrant odour.
- Tristis.* Black; thorax dull brassy: shells pubescent darker.
Inhabits *Denmark*; something larger than *St. politus*.
First joint of the *antennae* ferruginous at the tip: *body* black.
- Varians.* Glossy-black, punctured: wings white.
Inhabits *Zealand*. *Paykull. Monogr. 45, 33.*
Antennae black, the tips of the joints palish: *head* narrower than the thorax, punctured: *shells* smooth.
- * *Brunnipes.* Black; legs base and tip of the *antennae* ferruginous.
Inhabits *England*.
Antennae black, the first and 2 last joints ferruginous: *eyes* white.
- Nitidus.* Glossy-black: shells testaceous.
Inhabits *Kiel*; resembles *St. politus*.

Fulgidus.

- Fulgidus*. Glossy-black: shells and ends of the legs testaceous: tail subferruginous.
Inhabits *Germany*; size of *St. politus*.
Segments and end of the *abdomen* testaceous.
- Crenatus*. Blackish; thorax margined: shells with crenate striæ.
Inhabits *Germany*.
Antennæ ferruginous: *thorax* sometimes ferruginous, sometimes blackish with a prominent paler margin: *body* sometimes dull ferruginous, sometimes blackish: *legs* rufous.
- Striatulus*. Black; thorax channelled: shells striate.
Inhabits *Germany*; size of *St. fulgidus*.
Head glossy black: *antennæ* brown: *thorax* with an impressed line down the middle: *body* black: *legs* piceous.
- Strumosus*. Black; thorax margined: shells testaceous.
Inhabits *Saxony*; middle-sized.
Last joint of the *antennæ* acute: *thorax* brown channelled, very much margined at the sides: *shells* smooth: *body* brown.
- Cyanipennis*. Glossy-black: shells azure.
Inhabits *Paris*; size of *St. marginatus*.
Head ovate, narrower than the thorax: *thorax* with 2 lines of impressed dots: *body* black.
- * *Margina-* Black; sides of the thorax and legs yellow.
tus. Inhabits *Europe*. *Paykul. Monogr.* 44, 32.
Something less than *St. politus*, and glossy-black.
- Fulvipes*. Glossy-black: shells and legs testaceous: thorax ovate.
Inhabits *Germany*; size of the last.
Antennæ black, testaceous at the base: *body* black.
- Flaves cens*. Black; legs rufous: shells edged with yellow.
Inhabits *Europe*; size of the preceeding ones.
- Alpinus*. Black; base of the antennæ shells and legs livid.
Inhabits the highest mountains of *Lapland*, on the Birch.
Body more depressed than in others: *antennæ* black pale at the base: *abdomen* black.
- * *2-pustula-* Black; shells with a ferruginous dot behind.
tus. Inhabits *Europe*.

- Analus.* Glossy-black: antennæ shells tail and legs testaceous.
Inhabits *Kiel*. *Paykull. Monogr.* 47, 34.
Abdomen black, the edges of the segments testaceous.
- 2-guttatus.* Black; shells with a whitish dot: eyes prominent.
Inhabits the shores of the *Baltic*. *Payk. Monog.* 33. b.
- Clavicornis.* Black, immaculate: thorax rounded smooth: antennæ thicker towards the top.
Inhabits *Kiel*. *St. Juno. Payk. Monogr.* 33. a.
Resembles the last; of which it seems to be only a variety: *legs* sometimes brown or yellowish.
- * *Fuscipes.* Black; thorax roundish: shells and legs piceous.
Inhabits *Europe*. *Body* small short and thick.
Shells piceous, the edges a little blackish.
- Flavipes.* Black; shells antennæ and legs ferruginous.
Inhabits *Zealand*: small.
- * *Atricapillus.* Thorax rufous: shells brown with a white dot and hinder margin.
Inhabits *England*; small.
Antennæ tip with brown, the last joint ferruginous: *head* glossy-black: *abdomen* ferruginous tip with brown.
- Angustatus.* Filiform, black: tip of the shells and legs testaceous.
Inhabits *Sweden*. *Payk. Monogr.* 36. 27.
Body small and extremely slender: *head* large ovate. *antennæ* testaceous: *thorax* rounded: *shells* black at the base: *abdomen* black.
- Caniculatus.* Yellow; head and belt round the abdomen black: thorax channelled.
Inhabits *Kiel*. *Paykull. Monogr.* 31, 23.
Antennæ yellow at the base: *thorax* gibbous: *abdomen* flat, with a black belt near the tip.
- Tenuis.* Glossy-black: thorax and tip of the shells black.
Inhabits *Germany*; small.
Head narrower than the thorax: *body* black: *legs* rufous.
- Gracilis.* Filiform, yellow: tail brown.
Inhabits *Sweden*. *Paykull. Monogr.* 38. 28. small.

Punctulatus. Filiform; glossy-black: head ovate.

Inhabits Sweden. Payk. Monogr. 30. 32. small.

Emarginatus. Depressed; chestnut-brown: shells paler: thorax reflected at the edge.

Inhabits France. Payk. Monogr. 56. 40.

Bicolor. Black; shells and legs brown.

Inhabits France. Paykull. Monogr. 21. 13. small.

Antennae brown: shells rather long: body black.

Rufipes. Glossy-black: shells dusky: legs rufous.

Inhabits Germany; middle-sized.

Antennae black, the first joint rufous: head and thorax glossy-black: shells not polished: abdomen black.

Melanocephalus. Ferruginous; head deep black.

Inhabits Sweden; very minute.

Crassicornis. Black; shells livid: legs ferruginous: antennae thicker towards the top.

Inhabits Denmark; very small.

Antennae ferruginous: thorax orbicular gibbous: shells a little vaulted.

Sanguineus. Gibbous, black: shells sanguineous: antennae thicker towards the top.

Inhabits France, Paykull. Monogr. 39. 29.

Antennae as long as the body: head rough: shells striate at the base, rich red: legs yellowish: thighs brown: body sometimes chestnut brown.

Floralis. Depressed, black: legs yellowish: antennae thicker towards the top.

Inhabits France. Paykull. Monogr. 67, 47. small.

Thorax flat smooth: shells smooth.

**Caraboides* Yellow, immaculate.

Inhabits Europe. Payk. Monogr. 19, 11.

**Rugosus*. Black; thorax and shells rugged.

Inhabits England; something larger than the next.

Head flat: thorax depressed, with longitudinal wrinkles.

**Piceus*.

- * *Piceus*. Black; thorax depressed, with 3 raised lines: shells piceous.
Inhabits *Europe*.
- Porcatus*. Black, not polished: thorax margined: shells with raised striæ.
Inhabits *Sweden*, on horse-dung: small.
Margin of the *thorax* a little raised: *shells* with 3 raised lines:
abdomen short obtuse black, the edges of the segments elevated:
- Fuscus*. Brown; shells and legs testaceous.
Inhabits *Europe*. *Mus. Lesk. p. 45. n. 1000.*
- Clavatus*. Black, glabrous: shells testaceous, the outer edges brown.
Antennæ clavate: *legs* brown testaceous.
Inhabits *Europe*. *Mus. Lesk. p. 45. n. 1001.*
- Flavus*. Black; edges of the thorax and shells yellow, the latter with a brown fillet and outer margin: antennæ and legs yellow.
Inhabits *Europe*. *Mus. Lesk. p. 45. n. 1004.*
- Melanophthalmus*. Thorax and head rufous: eyes nape and abdomen black: shells and legs testaceous.
Inhabits *Europe*. *Mus. Lesk. p. 45. n. 1005.*
- Lignorum*. Brown; sutures of the shells abdomen and legs ferruginous.
Inhabits *Europe*. *Fn. Suec. 848.*
- Silphoides*. Black; sides of the thorax and legs livid: shells livid, with a black margin and longitudinal spot.
Inhabits *Europe*. *Gmelin. p. 2028.*
- Cicindeloides*. Black, rugged: antennæ and legs testaceous, the joints black.
Inhabits *Saxony*. *Schall. Aët. Hall. 1. p. 324.*
- Cantharellus*. Black; shells glaucous, yellowish at the tip.
Inhabits *Sweden*; resembles *Cantharis biguttatus*.
- Littoreus*. Black; shells grey on the fore-part: legs rufous.
Inhabits *Sea-shores*. *It. Gotl. 173.*
- Boleti*. Brown; shells paler: antennæ and legs livid.
On *fungi* of the *Fir*. *Fn. Suec. 859.* very minute.

- Obscurus.* Black, opaque, obsoletely punctured: antennæ brown at the base, thicker towards the top.
Inhabits *Berlin*. *Herbst. Arch. Inf.* 6. p. 149. n. 8.
- Tricornis.* Black; front bicuspidate: thorax horned behind: shells red, the upper and inner margin blackish.
Inhabits *Berlin*. *Herbst. Arch.* 6. tab. 30. fig. 8. c.
- Blattinus.* Black; thorax broad: shells and legs testaceous, polished.
Inhabits *Austria*. *Schrank. Inf. Aust.* p. 236. n. 447.
- Minor.* Black, glabrous: shells pale: antennæ brown at the base: legs yellow.
Inhabits *Northern Europe*. *Mull. Zool. Dan.* p. 97. n. 1096.
- Saxatilis.* Glossy-black, subpubescent: shells legs and tip of the abdomen testaceous.
Inhabits *Germany*, under stones. *Geoffr. Inf.* 1. p. 365. n. 13.
- Affimilis.* Black; legs yellow; tip of the thighs black.
Inhabits *Berlin*. *Herbst. Arch.* 6. p. 151. n. 15.
- Domicella.* Black; thorax shells and legs bay.
Inhabits *Austria*. *Schrank. Inf. Aust.* p. 235. n. 444.
- Glaberrimus.* Glossy-black: antennæ thicker towards the tip, the first joint very long.
Inhabits *Berlin*. *Herbst. Arch.* 6. p. 151. n. 17.
- Buphtalmus.* Black, immaculate: eyes large exserted.
Inhabits *Austria*. *Schrank. Inf. Aust.* p. 335. n. 445.
- Ophthalmicus.* Black-blue, punctured: eyes with a pale lunate spot.
Inhabits *Carniola*. *Scopol. Ent. Carn.* n. 300.
- Fulvous.* Black-blue: feelers and legs fulvous.
Inhabits *Carniola*. *Scopol. Ent. Carn.* n. 301.
- Brassicæ.* Ferruginous; head and body black: shells punctured: antennæ thicker towards the tip.
Inhabits *Carniola*, on the Cabbage. *Scopol. Ent. Carn.* n. 300.
- Arnicae.* Black; thorax and antennæ ferruginous: legs testaceous.
Inhabits *Carniola*, on the Arnica. *Scopol. Ent. Carn.* n. 310.

- Fossor.* Rufous-brown : tip of the shells and legs rufous.
Inhabits Germany. *Scopol. Ann. Hist.* 5. p. 109. n. 105.
- Fodinarius.* Blueish, villous : tarfi rufous.
Inhabits Germany. *Scopol. Ann. Hist.* p. 109. n. 106.
- Cursor.* Black ; thorax depressed, with a double yellow blotch : shells and legs yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 97. n. 1095.
- Agarici.* Yellow ; head black : abdomen rufous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 97. n. 1097.
- Latus.* Black ; hind margin of the shells at the top and legs yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 97. n. 1101.
- Vernalis.* Fulvous ; fore-part of the shells and hind-part of the abdomen black, the middle rufous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 98. n. 1103.
- Marginalis.* Black ; edges of the thorax shells legs and tip of the abdomen yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 98. n. 1107.
- Fuscicornis.* Black : head and thorax polished : lower margin of the shells and antennæ livid.
Inhabits Denmark. *Mull. Zool. Dan.* p. 98. n. 1112.
- Floreus.* Black ; thorax convex punctured : shells and legs yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 99. n. 1117.
- Fraëtricornis.* Linear, black : legs and antennæ brown, the lower joint of the latter black.
Inhabits Denmark. *Mull. Zool. Dan.* p. 99. n. 1118.
- Formicarius.* Linear, black : lower joint of the antennæ deep black.
Inhabits Denmark. *Mull. Zool. Dan.* p. 99. n. 1119.
Sometimes rufous, with the head or thorax or shells black.
- Punctatus.* Black-blue : thighs testaceous.
Inhabits Denmark. *Mull. Zool. Dan.* p. 99. n. 1121.
- Striatus.* Black ; thorax striate punctured.
Inhabits Denmark. *Mull. Zool. Dan.* p. 99. n. 1122.

- Spinipes.* Black ; legs testaceous : shanks spinous.
Inhabits *Denmark*. *Pontop. Natur. tab.* 16.
- Tartaricus.* Entirely glossy-black : thorax cylindrical, narrower than the head : shells very finely punctured.
Inhabits *Tartary*. *Pall. It. 2. app. n.* 74.
Body very large slender long and glabrous.
- Pubes.* Villous, black-brown spotted with black green and grey : beneath silvery : tip of the abdomen roundish.
Inhabits *Europe*. *Degeer. Inf. 4. p.* 17. *n.* 2.
- Æneus.* Glabrous, polished, brassy-green : abdomen and legs black.
Inhabits *Europe*. *Degeer. Inf. 4. p.* 23. *n.* 9.
- Glaber.* Shining black : smooth shells and legs testaceous.
Inhabits *Europe*. *Geoffr. Inf. par. 1. p.* 364. *n.* 10.
- Glaucus.* Blueish-black ; end of the antennæ lunulate.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 361. *n.* 2.
- Macrop-
rus.* Black ; shells twice as long as the thorax.
Inhabits *France*. *Geoffr. Inf. p. 1. p.* 364. *n.* 4.
- Ochroceph-
alus.* Pubescent ; head yellow : thorax and shells clouded with black and brown and punctured.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 363. *n.* 8.
- Pustulatus.* Glossy-black : punctured shells and legs testaceous.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 365. *n.* 11.
- Curtulus.* Glossy-black ; thorax flat, margined : punctured shells and legs brown.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 365. *n.* 12.
- Sulcatus.* Black ; thorax margined, grooved : legs rufous.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 730. *n.* 45.
- Limbatus.* Black ; shells brown edged with yellow.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 368. *n.* 19.
- Maculatus.* Black ; thorax with a yellow spot each side : shells yellow
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 369. *n.* 20.

Rubricollis.

Rubricollis. Blueish-black : thorax red.

Inhabits *France*. *Geoffr. Inf. par.* 1. p. 370. n. 23.

Cylindricus. Cylindrical ; entirely black, glabrous.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 967.

Dichrous. Black ; head and thorax glabrous : shells rusty-brown : base and 5 last joints of the antennæ and ends of the legs ferruginous.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 970.

Piceus. Black ; head and thorax piceous, glabrous.

Inhabits *Europe*. *Mus. Lesk.* 44. n. 972.

Glaber. Entirely black, glabrous.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 973.

Erythropus. Black ; antennæ legs and shells rufous, the latter black at the base.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 974.

Cruentatus. Black ; shells with a sanguineous dot on the disk.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 975.

Lugubris. Black ; antennæ shells and legs brown.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 976.

Biclavatus. Black, glabrous : shells and legs brown testaceous : antennæ biclavate, with a long black club at the base.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 978.

Rufescens. Head and thorax deep black punctured : abdomen black : antennæ shells and legs reddish-brown.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 979.

Cephalotes. Black ; head large : shells brown : antennæ ferruginous : legs testaceous.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 980.

Brevipes. Black : shells and legs testaceous : shanks short.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 981.

Marginellus. Black ; edges of the thorax and abdomen, base of the antennæ, shells and legs testaceous.

Inhabits *Europe*. *Mus. Lesk.* p. 44. n. 982.

Hæmorrhoidalis.

Hæmorrhoidalis. Black: thorax impressed each side: shells legs mouth and tail testaceous.

Inhabits Europe. *Mus. Lesk. p. 44. n. 983.*

Cassipes. Black, thorax long, nearly square, glabrous: shells brown: antennæ and legs reddish: fore-thighs thick.

Inhabits Europe. *Mus. Lesk. p. 44. n. 986.*

Flavicornis Black, sprinkled with extremely small raised dots: antennæ yellow tipped with brown.

Inhabits Europe. *Mus. Lesk. p. 44. n. 990.*

Lituratus. Black; shells testaceous with a common brown spot at the base, and one each side in the middle at the outer margin: antennæ and legs testaceous.

Inhabits Europe. *Mus. Lesk. p. 44. n. 991.*

Alatus. Brown: shells long: legs reddish-brown.

Inhabits Europe. *Mus. Lesk. p. 44. n. 992.*

B. Hind-feelers hatched-shaped. *Oxyporus.*

**Rufus.* Rufous; head and hind-part of the shells and abdomen black.

Inhabits Europe, on fungi. *Shæff. Icon. tab. 85. fig. 3.*

Maxillatus Black; shells pale, the hinder angle black: abdomen rufous: tail brown.

Inhabits Germany; size of *St. rufus*.

Mandibles projecting, forked: *antennæ* rufous: *thorax* with sometimes 2 rufous spots: *legs* rufous:

**Lunulatus.* Yellow; shells black, pale at the base and tip.

Inhabits Europe, on fungi. *Paykull. Monogr. 49. 35.*

Head black, tip of the *abdomen* with a white ring.

Subterraneus. Black, smooth, polished: shells with an oblong testaceous spot at the base.

Inhabits Sweden. *Paykull. Monogr. 52.*

Abdomen obtuse, nearly truncate, black: *legs* black.

Suturalis. Glossy-black; edge of the thorax legs and shells rufous latter with a black sutural and marginal spot.

Inhabits Sweden. *Oxyporus marginatus. Fabricius.*

Antennæ rufous: *body* black: *legs* rufous.

Cellaris.

- Cellaris.* Black; thorax with a rufous spot each side at the base.
Inhabits *Sweden*; less than *St. subterraneus*.
Shells with a small rufous spot at the base: legs rufous.
- 3 *maculatus* Thorax rufous: shells palish with 3 black spots.
Inhabits *Denmark*; size of the former ones.
Head black: antennæ rufous: thorax with a common black spot at the base and 2 larger ones behind: breast black: abdomen black, rufous at the base.
- 2-*maculatus* Black, shells with a pale spot at the base: legs pale.
Inhabits *Zealand*: small.
Antennæ black, the base and tip ferruginous: head glossy-black: mouth ferruginous: thorax with a ferruginous spot each side at the base: body black.
- 2-*punctatus* Glossy-black: spot at the base of the shells and tail rufous.
Inhabits *Germany*. *Oxyporus 2-pustulatus*. *Fabricius*.
Thorax immaculate: abdomen and legs piceous.
- Daldorfi.* Yellow; base of the shells and tail black.
Inhabits *Germany*. *Oxyporus analis*. *Fabricius*.
Antennæ yellow tip with brown: breast black.
- **Merdarius* Black: thorax shells and legs rufous.
Inhabits *England*; small.
Antennæ ferruginous tip with brown: head black: thorax rufous: scutell black: body black.
- Thoracius.* Blackish; thorax rufous; shells brown, white at the base.
Inhabits *Holstace*, on fungi.
Antennæ pale at the base, tip with black: shells whitish-brown, the margin thicker and brown: segments of the abdomen black at the base, reddish at the tip: legs yellow.
- Pygmæus.* Blackish: thorax and shells pale.
Inhabits *Keil*, on fungi.
Shells pale, a little thicker and brown at the edge.
- Fuscescens.* Black; shells and legs brown.
Inhabits *Europe*. *Oxyporus flavipes*. *Fabricius*.
Resembles the former ones, but is much less.
- **Chrysomelinus.* Black, thorax rufous: shells testaceous, the margin at the base black.
Inhabits *Europe*. *Paykull. Monogr.* 77. 54.

- Nigricapillus.* Testaceous; head and abdomen black.
Inhabits *Denmark*. *Oxyporus melanocephalus*. *Fabricius*.
Thorax smooth ferruginous: *abdomen* black: *legs* yellow.
- Abdominalis.* Rufous; abdomen glossy-black.
Inhabits *Norway*; rather small.
- Testaceus.* Testaceous; abdomen more dusky.
Inhabits *Germany*. *Body* smooth glabrous.
- Brunneus.* Chestnut-brown; head and middle of the thorax black.
Inhabits *Germany*; minute.
Antennae chestnut: *thorax* black in the middle, chestnut at the sides: *abdomen* dusky.
- Minutus.* Blackish; shells pale.
Inhabits *Zealand*; very minute.
Head black: *antennae* ferruginous at the base: *thorax* black, the edge a little pale: *shells* whitish with a black marginal fillet: *abdomen* blackish: *legs* pale.
- **Rufipes.* Glossy-black: legs rufous.
Inhabits Northern parts of *Europe*.
- **Hypnorum.* Glossy-black: margin of the thorax shells and legs testaceous.
Inhabits *England*. *Body* black glabrous polished.
- **Marginalis.* Glossy-black: margins of the thorax and shells ferruginous.
Inhabits *Europe*; small.
Antennae black, the first joint ferruginous: *head* glossy-black: lateral and hind-margin of the *thorax* ferruginous: *shells* glabrous black, with a thin ferruginous edge.

C. Fore-feelers clavate. *Pæderus*.

- **Riparius.* Rufous; shells blue: head and end of the abdomen blackish.
Inhabits *Europe*: *Donovan's Eng. Inf.* v. plate. 167.
- Ruficollis.* Black: thorax rufous; shells azure.
Inhabits *Germany*, under stones. *Herbst, Arch.* tab. 48. fig. 5.
- **Elongatus.* Hind-part of the shells and legs fulvous.
Inhabits *Europe*. *Paykull, Monogr.* 25. 17.
- Fulvipennis.*

- Fulvipennis.* Glossy-black: shells and legs testaceous.
Inhabits *Keil*; resembles *St. elongatus*, but is larger.
Antennae short ferruginous, the first joint longer incurved: *shells* entirely testaceous: *abdomen* black, subferruginous at the end.
- Fabricii.* Black: legs testaceous.
Inhabits *Holface*. *Pædarus brunnipes*. *Fabricius*.
Size of *St. elongatus*: *antennae* dusky.
- Fulgescens.* Glossy-black: shells and ends of the legs testaceous: head slightly punctured.
Inhabits *Keil*. *Pædarus fulgidus*. *Fabricius*.
Head with numerous small impressed dots.
- Tricolor.* Black: antennæ and thorax rufous; shells and legs testaceous
Inhabits *Denmark*. *Paykull, Monogr.* 23. 15. small.
- Quadratus.* Filiform, black: legs piceous.
Inhabits *Germany*. *Paykull, Monogr.* 29. 21.
Head large ovate: *antennæ* piceous, the first joint long incurved: *thorax* cylindrical.
- Orbiculatus.* Filiform, black: head orbicular.
Inhabits *Sweden*; resembles the last. *Payk. Mon.* 35. 26.
- Nigrocephalus.* Filiform, black; thorax and legs fulvous.
Inhabits *Germany*; very small.
Head large ovate black: *antennae* ferruginous: *thorax* globular.

56. FORFICULA. *Antennæ* fetaceous: *feelers* unequal, filiform: *shells* half as long as the abdomen: *wings* folded up under the shells: *tail* armed with a forceps.

Earwig.

- * *Auricularia.* Dark chestnut: forceps curved, toothed at the base: antennæ with 14 joints.
Shæff. Icon. tab. 144. *fig.* 34. *Sulz Inf. tab.* 7. *fig.* 17.
Very common in wet ground, ripe fruit and old wood: is said to creep into the ears of such as sleep in the open air.

Gigantea. Pale, variegated above with black : tail 2-toothed : forceps extended, 1-toothed.

Inhabits *Europe*. *Herbst. Arch. 8. tab. 49. fig. 1.* large.

Antennae of many joints : *eyes* black : *shield* flat square blackish, the edge and dorsal line black : *abdomen* black, the last segment pale, with 2 strong brown teeth : *forceps* pale, the tooth and tip brown.

Bipunctata. Black ; hind-part of the head and legs rufous : shells with a white dot.

Inhabits *Italy*.

Antennae of 11 joints : *thorax* edged with rufous : *shells* palish at the margin : *abdomen* black : *forceps* sharp straight.

Biguttata. Black ; shells with a yellow spot : forceps incurved, toothed at the base and in the middle.

Inhabits *Hungary* ; middle sized.

Head dull rufous immaculate : *thorax* flat square, the outer edge yellowish : *wings* short yellowish tip with brown : *body* black : *legs* dull rufous.

Fulvipes. Black ; mouth, sides of the abdomen and legs white.

Inhabits *Guinea* ; large.

Antennae palish, of 11 joints : *head* glabrous piceous : *thorax* black with pale edges and dorsal line : *shells* smooth, the suture and margin at the base pale : *wings* whitish tip with black. *forceps* large, toothed within.

Albipes. Black ; thorax behind, base of the shells, wings and legs white.

Inhabits *South American Islands* ; middle sized.

Antennae brown : *head* black : *mouth* pale : *abdomen* glossy-black, edges of the segments pale rufous : *forceps* small black.

* *Minor*. Shells testaceous immaculate : antennae of 10 joints,

Inhabits *Europe*. *Schaeff. Icon. tab. 41, fig. 12. 13.*

Antennae whitish at the tip.

Pygmaea. Black ; thorax square with a pale edge : antennae and legs testaceous.

Inhabits plants of *Guinea* ; small.

Antennae of 11 joints : *thorax* smooth, the lateral and hind-margin yellowish : *shells* pale at the outer margin : *abdomen* black : *forceps* unarmed.

Flexuosa. Forceps flexuous : shells with 2 yellow dots.

Inhabits *Cayenne*.

Body brown ; forceps ferruginous at the base.

Dentata.

- Dentata.* Antennæ of 10 joints; body brown: edges of the thorax and legs pale: forceps toothed at the base.
Inhabits *Madeira*.
Antennæ brown, the first joint pale: *thorax* flat margined: end of the *abdomen* 4-toothed: *forceps* large curved black, pale at the base and many-toothed.
- Annulata.* Black; last joint but one of the antennæ and legs white.
Inhabits *South American Islands*; small.
Antennæ of 13 joints, black, the first and last joint but one white: *mouth* whitish: *thorax* flat with a whitish edge: *forceps* short unarmed: *legs* pale: *thighs* with a brown ring.
- Erythrocephala.* Black; head and tail ferruginous: spots on the abdomen and legs yellowish.
Inhabits *South American Islands*; middle-sized.
Eyes black: *thorax* square rufous with 2 broad black dorsal lines: *shells* black with a reddish edge: *forceps* long, slightly crenate, ferruginous.
- Elongata.* Dusky; margin of the thorax shells and legs pale: forceps^s 1-toothed at the base.
Inhabits *South American Islands*; middle-sized.
Antennæ yellowish: *head* ferruginous: *front* more dusky: *thorax* square: *abdomen* black at the base and tip, the middle dull ferruginous: *forceps* long curved, pale at the base: *tip* with brown.
- Parallela.* Black; edges of the thorax shells and legs pale: forceps straight unarmed.
Inhabits *Madeira*.
Antennæ brown of 12 joints, the first pale: *forceps* *tip* with black.
- Morio.* Deep black: antennæ with a white band.
Inhabits *Otaheite*; large.
Antennæ of 18 joints black, the joints 1, 4, 15. white: *thorax* flat, rounded behind: *wings* hyaline, *tip* with black: *forceps* large curved, with small denticles at the base: *legs* ferruginous at the ends.
- Flavipennis.* Black; shells yellowish with a black suture.
Inhabits *Senegal*; middle-sized.
Head dull rufous with a black frontal spot: *thorax* margined blackish: *body* black: *legs* yellow.

Pallipes. Forceps long, 1-toothed: body black: eggs white.
Inhabits *South American Islands*; large.

Antennæ pale: *thorax* square, rounded behind, the outer margin whitish: *shells* brown: *wings* white with a brown line at the tip: *forceps* nearly as long as the abdomen, ferruginous tip with black.

Livida. Livid, very minute: forceps toothed, when examined by a lens.

Inhabits *Europe.* *Mus. Lusk.* p. 46. n. 3.

ORDER II. HEMIPTERA.

Mouth and snout bent in towards the breast:
upper wings soft, semicrustaceous, not
divided by a straight suture, the base of the
left covering the inner margin of the base
of the right.

57. BLATTA. Head inflected: antennæ
setaceous: feelers unequal, filiform:
wing-cases and wings smooth, somewhat
coriaceous: thorax rather flat, orbicu-
lar, margined: legs formed for running:
abdomen terminating in 4 spines or
bristles. Cock-roach.

These insects with their *larvæ* wander about by night and
secrete themselves by day; they are fond of warmth and haunt
houses, devouring meal and whatever provisions they can get
at; they run with great celerity, and are destroyed by the
fumes of charcoal.

Gigantea. Livid; shield of the thorax with a square brown spot.
Inhabits *America* and *Asia*. *Seba. Mus. 3. tab. 77. fig. 11.*
The largest of its genus, and is nearly as large as a hen's egg.

Maderæ. Brown; thorax and wing-cases livid variegated with brown,
Inhabits *Madeira*. *Herbst. Arch. Inf. tab. 49. fig. 3.*
Less than the last. Head olive: antennæ brown: shield livid
spotted with brown: wing-cases with 2 impressed grooves at the
base, one straight the other curved, the tip marked with nu-
merous small transverse brown lines.

Occidentalis Thorax black with a pale edge all round and 2 fulvous dots
at the base: wing-cases olive.
Inhabits *American Islands*.
Antennæ piceous, the first joint ferruginous: head glossy-black:
mouth and streak between the antennæ testaceous: wing-cases with
minute cinereous specks: abdomen with red spots in the middle
and lesser testaceous ones at the sides: legs testaceous.

Ægyptiaca.

- Ægyptiaca*. Black; fore-edges of the thorax white.
Inhabits *Egypt*. *Herbst. Arch. Inf.* 8. *tab.* 49. *fig.* 4.
Margin of the wing-cases white at the base.
- Surinamen-* Livid; fore-margin of the thorax white.
sis. Inhabits *Surinam*. *Sulz. Inf. tab.* 8. *fig.* 1.
- * *Americana* Ferruginous; shield of the thorax whitish behind.
Herbst. Arch. tab. 49. *fig.* 5, 6. *Degeer. Inf.* 3. *tab.* 44. *fig.* 12, 13.
Inhabits *America*, and has lately appeared in *Europe*, having been brought over in raw sugar.
- Australaciæ* Ferruginous; thorax black with a white ring: wing-cases with a white line at the base.
Found in ships returning from the *Pacific Ocean*.
Head black, edged with white at the base: thorax shining black, surrounded with a white ring, the edge black: wing-cases striate.
- Erythroce-* Black; head and legs ferruginous.
phala. Inhabits the *Cape of good hope*.
Antennæ and eyes black: wing-cases and abdomen black.
- Capensis.* Brown; head and legs red.
Inhabits the *Cape of good hope*; very much resembles the last.
- Indica.* Grey; thorax black, the fore-margin white.
Inhabits *East India*.
Head black: mouth and orbits white: wing-cases striate, with a black line at the base.
- Gallica.* Variegated with grey and yellow: wing-cases livid.
Inhabits *France*; size of *Blatta indica*.
Head and thorax varied with brown and yellow: wing-cases livid with an impressed groove at the base: abdomen variegated: legs yellowish.
- Nivea.* White; antennæ yellow.
Inhabits *South America*. *Herbst. Arch.* 8. *tab.* 49. *fig.* 8.
- Irrorata.* Pale; thorax and wing-cases speckled with brown: wings black, pale at the tip.
Inhabits *New Holland*: nearly as large as *Bl. gigantea*.
Head pale: front subferruginous, the hind-margin brown: wing-cases with an abbreviated black line at the base.

- Viridis.* Green; antennæ and lateral line on the thorax yellow : wings white.
Inhabits *American Islands* : small.
Eyes black with a fulvous dot between them.
- Brafilienfis.* Pale; abdomen black : antennæ brown.
Inhabits *Brafil.* Degeer. *Inf.* 3. tab. 44. fig. 5.
- Petiveriana* Black; wing-cafes with 7 white spots.
Inhabits *India* and *China.* Herbst. *Arch.* tab. 49. fig. 7.
- * *Orientalis* Yellowish-brown, immaculate : wing-cafes abbreviated, with an oblong groove
Schæff. *Icon.* tab. 155. fig. 6, 7. Degeer. 3. tab. 25. fig. 1, 2.
Inhabits *America*, and has long since been naturalized in *Europe.*
Female with the mere rudiments of wing-cafes and wings : egg subcylindrical with a crenate ridge, and half as large as the abdomen.
- Cincla.* Yellowish; thorax and wing-cafes edged with white.
Inhabits *America.* Body beneath brown : legs whitish : wing-cafes sometimes longer, sometimes shorter than the body.
- Picta.* Black; wing-cafes with a sanguineous fillet.
Inhabits *Brasil.* Drury *Inf.* 3. tab. 50. fig. 3.
Fore-margin of the wing-cafes yellowish.
- Variegata.* Thorax yellowish : wing-cafes testaceous tipped with black.
Inhabits *New Holland.*
Antennæ black : head black, yellowish behind : abdomen black, the edge and 4 bands yellow : legs black : shanks rufous.
- Lapponica.* Yellowish; wing-cafes spotted with black.
Inhabits *Europe.* Schæff. *Icon.* tab. 28. fig. 23.
Thorax blackish with a yellowish margin.
- Germanica.* Livid; thorax with 2 parallel black lines.
Inhabits *Germany* and *Brafil.* Herbst. *Arch.* tab. 49. fig. 10.
- Livens.* Livid, immaculate : wing-cafes striate at the acute angle.
Inhabits *France.* Bl. livida. Fabricius. ii. p. 10.
Antennæ brown, longer than the body : body pale immaculate.
- Ruficollis.* Thorax ferruginous : body pale testaceous.
Inhabits *India*; size of Bl. germanica.
Eyes black : thorax glabrous smooth immaculate.

Diaphana. Whitish; thorax with 2 brown lines, wing-cases with a single one joined to the future.

Inhabits *South American Islands*.

Thorax with 2 flexuous lines, that on the *wing-cases* sinuate.

Maculata. Thorax black edged with white: wing-cases pale, with a large black spot at the tip.

Inhabits *Germany*. *Schrank. Naturf.* 15. tab. 3. fig. 17, 18.

Marginata. Black; thorax edged with white: wing-cases black with a white border.

Inhabits *Italy*. *Cyrl. Ent. Neap.* 1. tab. 1. fig. 11.

Body small short: *thorax* rufous: future of the *wing-cases* white.

Oblongata. Oblong, livid: wing-cases with a black lunule and 2 dots.

Inhabits *Surinam*. *Dégeer. Inf.* 3. tab. 44. fig. 11.

Nitidula. Thorax ferruginous: wing-cases blue.

Inhabits *Surinam*; very small.

Head black, with a white band across the mouth: *antennæ* black, white before the tip: *thorax* with a black spot at the base: *wings* with a black spot at the base and tip: *abdomen* brown: *legs* palish.

Hemiptera. Black; abbreviated wing-cases and edge of the thorax pale.

Inhabits *Germany*; small.

Antennæ brown: *thorax* with an obsolete sanguineous blotch in the middle: *wing-cases* with a few black specks: *abdomen* black, the edges of the segments and *legs* pale.

Fusca. Brown, immaculate: head, *antennæ*, legs and edges of the thorax and wing-cases ferruginous.

Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* 4, 77.

Deusta. Brown, immaculate, base of the head and of the wing-cases rufous.

Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* 4. p. 77.

Chlorotica. Yellowish-grey, polished; wing-cases subpellucid with green veins, the thicker edge opaque and leek-green, the outer margin and base yellowish.

Inhabits the *Cape of good hope*. *Pall. Spic.* 9. tab. 1. fig. 6.

Latissima.

- Latissima.* Brown, punctured: margin of the wing-cases and tail yellow: abdomen beneath black: thanks subspinous.
Inhabits Surinam. *Herbst. Arch. 8. tab. 49. fig. 2.*
- Aterrima.* Black, immaculate: tarfi white, the joints black: thanks spinous.
Inhabits India. *Herbst. Arch. 8. tab. 49. fig. 9.*
- Perspici-
laris.* Yellowish: thorax fulvous in the middle, the edge hyaline.
Inhabits Germany. *Herbst. Arch. 8. tab. 49. fig. 11.*
Resembles *Bl. lapponica*, of which it may be a variety.
- Asiatica.* Grey, oblong: wing-cases and wings longer than the body, pointed at the end.
Inhabits Asia. *Pall. It. 3. p. 263.*
- Schæfferi.* Blackish; thorax and margin of the wing-cases yellowish: legs yellow: thighs black.
Inhabits——*Schæff. Icon. tab. 158. fig. 2.*
- Sylvestris.* Antennæ and body beneath black: wing-cases and margin of thorax testaceous.
Inhabits Carniola. *Scopol. Ent. Carn. p. 104. n. 314.*
- Pensylva-
nica.* Brown; shield white, black-brown in the middle: wing-cases yellow-brown, whitish on the fore-part.
Inhabits Pennsylvania. *Degeer. Inf. 3. tab. 24. fig. 4.*
- Livida.* Brown; body beneath and legs fulvous-grey: wings as long as the body.
Inhabits Surinam. *Degeer. Inf. 3. tab. 44. fig. 6.*
- Rufa.* Oblong, rufous: wing-cases testaceous: wings as long as the abdomen.
Inhabits Surinam. *Degeer Inf. 3. tab. 44. fig. 7.*
- Grisea.* Oblong, ashy-grey with a few minute brown dots.
Inhabits Surinam. *Degeer. Inf. 3. tab. 44. fig. 9.*
- Minutissima* Ovate, black-brown: antennæ short: wings and sides of the thorax hyaline.
Inhabits Surinam. *Degeer Inf. 3. tab. 44. fig. 13. 14.*

Aptera. Apterous, brown, punctured: segments of the abdomen at the hinder margin and legs livid: wings ferruginous: shanks spinous.

Inhabits out of *Europe*. *Mus. Lesk. p. 46. n. 5.*

Punctulata. Brown; thorax varied with raised and impressed dots: wings white.

Inhabits out of *Europe*. *Mus. Lesk. p. 46. n. 7.*

Ocellata. Chestnut-brown; front and spot on the thorax red, the hind-part of the latter with 2 brown ocellate spots: anterior margin of the segments of the abdomen both above and beneath red.

Inhabits out of *Europe*. *Mus. Lesk. p. 46. n. 8.*

58. **PNEUMORA.** *Body* ovate, inflated, diaphanous: *head* inflected, armed with jaws: *thorax* convex, carinate beneath: *wing-cases* deflected, membranaceous: *legs* formed for running.

These appear to consist of a mere hollow inflated membrane: by rubbing together their ferrate or toothed legs, they make a shrill kind of noise morning and evening, and follow a light: they are so nearly allied to the Cricket tribe, that *Fabricius* has enumerated them under the genus *Gryllus*.

Immaculata Green spotted with white: wing-cases immaculate.

Inhabits the *Cape of good hope*. *Act. Suec. 1775. tab. 7. fig. 1.*

Gryllus Papillofus. *Fabricius. 2. p. 49.*

Head green: *orbits* white: between the eyes are 3 red stigmata and above these 2 short denticles: *antennae* short green: *thorax* rough, with a short tooth before and an impressed wrinkle in the middle: *wing-cases* cinereous reticulate with green.

Maculata. Wing-cases green, with square white spots.

Inhabits the *Cape of good hope*. *Act. Suec. 1775. tab. 7. fig. 2.*

Antennae short reddish: *wing-cases* reticulate with white dots.

6-guttata.

6-guttata. Wing-cases green with 2 white spots: abdomen with 3 white spots each side.

Inhabits the *Cape*. *Act. Succ.* 1775. *tab.* 7. *fig.* 3:

Large: *antennae* short green: *head* rough green, with 2 denticles each side under the antennæ: *thorax* green with a white margin, and 2 denticles before, one in the margin, the other before the middle; in the middle is a deep ridge.

59. MANTIS. *Head* unsteady: *mouth* armed with jaws: *feelers* filiform: *wings* 4, membranaceous, convolute, the under ones plaited: *fore-legs* compressed, ferrate or toothed beneath, armed with a single claw and lateral jointed process; the 4 hind-ones smooth and formed for walking: *thorax* (mostly) linear, elongated and narrow.

Filiformis. Body filiform, apterous, brown: legs longer than the body, unarmed.

Inhabits *South America*. *Herbst. Arch. tab.* 51. *fig.* 22.
Antennae black.

Ferula. Body filiform, apterous, green: legs longer than the body: hind-thighs spinous at the tip.

Inhabits *Guadeloupe*: large long and filiform:

Antennae moderate, green tipped with brown: *body* smooth glabrous, without wing-cases: *thighs* angular, the 4 hind-ones spinous.

Calamus. Body filiform, apterous, greenish: thighs striate.

Inhabits *Santa Cruz*, in *America*.

Antennae yellowish: *head* smooth yellowish: *body* cylindrical: *legs* yellowish: *thighs* striate with raised lines.

Rossia. Body filiform, apterous, green: thighs toothed.

Inhabits *Italy*. *Ross. Fn. Etr.* 1. *tab.* 8. *fig.* 1.

Legs short, brown: *thighs* toothed beneath.

Angulata. Apterous; head and thorax spinous: wing-cases rounded, very short: thighs angular beneath.

Inhabits *Guadeloupe*. *Mantis gigas.* *Drury.* 2. *tab.* 50.

Body chestnut-brown: *head* with 2 spines and numerous raised dots: *thorax* with 2 sharp spines on the anterior lobe and numerous raised dots, the sides ferrate: *wing-cases* short rounded reticulate: *thighs* very angular, the 4 hind-ones spinous beneath.

Gigas.

- Gigas.* Thorax roundish, rough : wing-cases very short : legs spinous.
 Inhabits *Amboina*. *Naturalists. Miscel. tab. 43.*
Thorax speckled with green : *wing-cases* reticulate, the base and tip green, pale in the middle : *wings* pale with transverse brown bars.
- Cylindrica.* Thorax cylindrical : fore-legs united to the fore-part of the thorax : wing-cases grey, the base and beneath rufous : wings brown dotted with white.
 Inhabits out of *Europe*. *Mus. Lesh. p. 46. n. 12.*
- Phikisica.* Thorax roundish, muricate ; wing-cases very short : legs unarmed.
 Inhabits *South America* and *India*. *Mus. Lud. Ulr. 110.*
- Necydaloides.* Thorax rough : wing-cases ovate, angular, very short : wings oblong.
 Inhabits *Asia*. *Seba. Mus. 4. tab. 77. fig. 1. 2.*
Wing-cases with a raised flexuous line down the middle : *wings* brown, as long as the abdomen.
- Atrophica.* Thorax 4-spined : wing-cases very short, mucronate at the base.
 Inhabits *Java*. *Pall. Spicil. fasc. 9. tab. 1. fig. 7.*
 Head unarmed : *wing-cases* ovate, truncate at the tip.
- Sinosa.* Head and thorax spinous : wing-cases very short, acute.
 Inhabits *India* ; a third part the size of *Mant. gongylodes*.
Antennae as long as the body : *crown* with 4-6 spines : *thorax* brown, rough, with a double spine each side on the fore-part : *wing-cases* brown : *wings* brown convolute, as long as the abdomen : *fore-thighs* unarmed, the rest spinous.
- Bispinosa.* Thorax roundish, with 2 spines on the fore-part : wing-cases very short : wings rose-colour.
 Inhabits *America*. *Naturalist's Miscel. ix. tab. 323.*
Antennae yellowish : *head* green, with a short spine each side on the crown : *thorax* green, yellowish on the back : *wing-cases* green striate with black : *wings* large rosy, the outer margin green : *abdomen* linear yellowish, green at the tip : *legs* spinous.
- Jamaicensis.* Linear, green : wing-cases very short, the outer margin yellow.
 Inhabits *Jamaica*. *Drury. Inf. 2. tab. 49. fig. 1.*
 Differs from the last in having no spines on the thorax.

Lateralis.

Lateralis. Linear, black ; wing-cases very short, gibbous, yellowish at the sides.

Inhabits *Brazil*.

Antennae longer than the body, black : *thorax* yellowish at the sides : *wing-cases* with a raised tooth in the middle : *wings* large black, edged with yellow : *breast* pale : *legs* black.

Aurita. Head and thorax spinous : wing-cases with a subcompressed tubercle in the middle.

Inhabits *East India*.

Antennae as long as the body, varied with black and white : *head* brown, with numerous sharp spines : *thorax* brown spinous : *wing-cases* concave, very short : *wings* large dusky with a broad pale rufous border on the outer edge, spotted with black, and marked with a broad white band ; *legs* simple.

Linearis. Linear, brown : wing-cases very short, subspinous at the base.

Inhabits *India*.

Antennae as long as the body : *wings* long rounded brown : *fore-thighs* membranaceous.

Rosea. Linear, green : front fulvous : wing-cases very short, 1-spined : wings rosy with a green rib.

Inhabits *East India* ; small.

Antennae longer than the body, brown with 3 or 4 white rings : *thorax* smooth linear greenish : *wing-cases* vaulted with a black thick spine in the middle : *wings* striate : *legs* yellow.

Flabellicornis. Thorax dilated and membranaceous at the tip : fore-thighs terminating in a spine, the rest in a lobe : antennæ pectinate.

Inhabits *Tranquebar* ; size of *M. gongylodes*.

Antennae large, very much feathered and setaceous at the tip : front projecting, narrower in the middle, notched at the tip : *legs* as in *M. gongylodes* : *wing cases* and *wings* longer than the body, dusky, subpellucid and dilated at the anterior margin.

Gongylodes. Thorax dilated each side at the tip : fore-thighs terminating in a spine, the others lobate : antennæ simple.

Inhabits *Africa* and *Asia*. *Natural Miscel.* vii. plate 233.

Head subulate, bifid : *wing-cases* very gibbous green : *wings* short : *abdomen* much enlarged at the tip ; *body* yellowish-green.

Paupertas. Thorax linear, spinulous : fore-thighs terminating in a spine, the others lobate.

Inhabits *Coromandel* and *Portugal*. *Herbst. Arch.* t. 51. f. 1.

Mendica.

Mendica. Thorax margined, toothed : wing-cases varied with white and green, the margin dotted with white.

Inhabits *Alexandria*.

Head yellowish : front horned : legs yellowish : thighs darker.

Truncata. Thorax dilated each side at the tip, yellowish : wings black at the base and tip with white.

Inhabits *Cayenne* ; small.

Thorax linear, rough, membranaceous and slightly crenate at the tip : abdomen short flat dilated : wing-cases as long as the abdomen yellowish with a brown callous dot in the middle.

Strumaria. Green ; sides of the thorax very much dilated and membranaceous.

Inhabits *South America*. *Natural. Miscel.* iii. plate 95.

Thorax much dilated its whole length ; wing-cases and wings longer than the abdomen : body short : abdomen yellowish.

Tricolor. Sides of the thorax expanded, lobate : head horned : fore-legs very broad.

Inhabits *India*.

Eyes terminating in sharp ear-like horns : wing-cases pale spotted with white : wings red at the base, brown in the middle and tip with white.

Cancellata. Thorax dilated at the sides, membranaceous and flat.

Inhabits *India*. Body dull brown : thorax quite flat.

Siccifolia. Thorax denticulate : thighs oval membranaceous.

Inhabits *India*. *Naturalists Miscell.* iv. plate. 119.

This insect is usually denominated the *walking leaf*, from its exact resemblance in colour and shape to a dried withered leaf : 2 first pair of thighs ferrate, the others simple : wings 0, or the mere rudiments : body very much dilated and rounded.

Pectinicornis. Thorax smooth : crown subulate : antennæ pectinate.

Inhabits *Jamaica*. *Herbst. Arch.* 8. tab. 50. fig. 2.

Oculata. Thorax triangular, filiform : eyes oblong, projecting, spinous.

Inhabits *Africa*.

Head pale : eyes large pointed conic : thorax smooth testaceous, the angles more dusky : wing-cases shorter than the wings, white diaphanous striate and obtuse : legs long dusky unarmed.

Superstitiosa.

Superstitiosa Thorax linear, triangular, slightly ferrate on the fore-part : wing-cases greenish : rib of the wings transversely striate.

Inhabits *Africa* ; large.

Thorax rough on the fore-part, smooth behind : wings whitish, the rib with transverse raised brown lines.

Undata. Thorax carinate, grey : wings white with black waves.
Inhabits *Tranquebar* ; large.

Antennæ filiform pale : thorax filiform triangular rough : wings shorter than the abdomen : thighs lobate at the tip, shanks at the base : abdomen long filiform.

Irrorata. Thorax smooth subcarinate : wing-cases green with scattered ferruginous dots.

Inhabits *America*. Wing-cases shorter than the wings.

Striata. Thorax carinate and slightly ferrate at the sides : wing-cases obscure hyaline, striate with brown and shorter than the wings.

Inhabits *Italy* ; larger than the following ones.

Head grey ; antennae simple : body brown.

Oratoria. Thorax smooth : wing-cases green immaculate.

Degeer. Ins. 3. tab. 37. fig. 2.

Inhabits the *East* and *Southern Europe*.

M. religiosa with the thorax subcarinate is a mere variety.

This Insect rests sometimes on its 4 hind-legs, and stretches the fore-legs out to the right or left, and for this reason has been supposed to point out the way to strangers, when asked.

Precaria. Thorax ciliate with small spines : wing-cases green with a divided white and brown spot.

Inhabits *Africa*. *Naturalist's Miscell. ix. plate 327.*

Head and thorax yellowish-green : eyes ferruginous : fore-legs with a ferruginous spot : wing-cases longer than the body : wings hyaline spotted with green.

This has been supposed to be the Idol of the *Hottentots*.

anfa. Thorax slightly ferrate, yellowish-green : wing-cases green immaculate : wings hyaline.

Inhabits the *South of France* ; thrice as small as the last.

Wings greenish at the tip : fore-shanks with 2 black spots beneath.

- Simulacrum* Thorax ciliate: wing-cases green with a white spot in the middle.
Inhabits *America*; very much resembles *M. precaria*, but the *thorax* is shorter, thicker and more ciliate.
- Monacha*. Thorax smooth testaceous: wing-cases and wings green hyaline.
Inhabits the *Cape of good hope*.
Fore-shanks with 2 testaceous dots on the fore-side.
- Obscura*. Thorax slightly ferrate, dull grey: wing-cases with a black spot at the base, wings with one at the tip.
Inhabits *Africa*.
Head grey with a black frontal spot: *thorax* dusky with a black dorsal line: *fore-legs* slightly ferrate, the rest simple.
- Hyalina*. Thorax ciliate: wing-cases hyaline edged with green: front 2-toothed.
Inhabits *America*. *Degeer, Inf. 3. tab. 37. fig. 1*,
Head brown: *antennae* ferrate: *thorax* linear carinate brown: *abdomen* brown, the edges of the segments black: *wings* hyaline, striate with brown at the tip.
- Fenestrata*. Thorax smooth: wings hyaline: exterior margin of the wing-cases brown.
Inhabits *Africa*.
Thorax linear: exterior margin of the *wings* brown at the tip: *legs* pale: *fore-shanks* with a few black spots within.
- Bidens*. Thorax rough: wing-cases green with black bars: wings brown black on the disk.
Inhabits *America*.
Head brown: *front* with 2 sharp approximate teeth: *thorax* linear, grey with a few black raised dots: *wing-cases* with 2 oblique brown bands: *legs* brown: *thighs* pale at the base and tip with black: *shanks* of the second pair lobate.
- Grieca*. Thorax smooth: wing-cases and wings grey hyaline spotted with brown.
In the *British Museum*; middle-sized.
Thighs of the *fore-legs* a little dilated at the upper margin, spinous on the lower; the other *legs* varied with grey and brown.

Ministralis. Thorax rough, crenate, as long as the head, ferruginous on the fore-part: wing-cases green.

Inhabits *New Holland*.

Head yellowish: antennae brown: thorax carinate: outer margin of the wing-cases subferruginous: fore-thighs fulvous: abdomen brown, pale at the tip.

Urbana. Thorax entire: wing-cases green, with a ferruginous dot and band.

Inhabits *India*; less than the last.

Rufica. Thorax smooth brown: wing-cases shorter than the wings, brown hyaline: antennae hairy.

Inhabits the shores of *Patagonia*.

Head grey-brown with globular raised stigmata: legs yellowish.

Nasuta. Thorax spinous and ciliate: front projecting, spinous emarginate.

Inhabits the *Cape of good hope*.

Head flat: front 2-toothed each side and widely emarginate at the tip: thorax black with a raised tubercle before and behind and many spines, the margin white ciliate with spines; wing-cases and wings grey hyaline with numerous linear brown dots at the nerves: legs black annulate with testaceous.

Lobata. Thorax 3-lobed: front with a bifid horn: eyes conic pointed.

Inhabits the *Cape*. *Thunberg Nov. Inf. 3. fig. 73.*

Mouth varied with green and brown: front greenish, with a projecting bifid horn between the antennae: antennae black: crown brown: eyes large testaceous: thorax short: wing-cases green with a white base and spot in the middle: wings black tip with white: body varied with green and white: margin of the abdomen elevated and lobate.

Pulchra. Thorax entire green: wings brown hyaline, ferruginous at the base.

Inhabits *Tranquebar*.

Antennae brown: head and thorax green, a little yellowish at the edge: wing-cases green, the margin yellow at the base: abdomen above brown, beneath green: legs yellow.

Fausta. Linear, cinereous-brown immaculate.

Inhabits the *Cape*. *Thunb. Nov. Inf. 3. 63.*

This is likewise said to be worshiped by the *Hottentots*.

- Perispicua*. Dusky; wing-cases and wings hyaline: wings with a brown marginal spot and tip.
Inhabits *Cayenne*; small.
Wing-cases with a small black dot towards the base.
- Pagana*. Wings reticulate, white, with a lateral ferruginous spot: ends of the legs chelate.
Inhabits *France* and *Germany*. *Pall. Spic. Zool.* 9. tab. 1. fig. 8.
Thorax cylindrical entire brown.
- Minuta*. *Thorax* cylindrical yellowish: wing-cases hyaline with a greenish rib.
Inhabits *South America*.
Wing-cases with a small white dot in the middle: *abdomen* greenish, yellowish on the back: *legs* greenish.
- Pufilla*. *Thorax* cylindrical yellowish: wing-cases and wings hyaline immaculate.
Inhabits *Africa*. *Pall. Spicil. Zool. fasc.* 9. tab. 1. fig. 9.
- Carolinæ*. *Thorax* subciliate, carinate: wing-cases whitish waved with brown.
Inhabits *Carolina*. *Wings* and their cases shorter than the body.
- Labiata*. Linear, greenish, unarmed: sides of the head green.
Inhabits *India*. *Thunb. Nov. Inf.* 3. p. 61.
- Maculata*. Cinereous; thorax winged, subspinous: legs spotted within with black.
Inhabits *Japan*. *Thunb. Nov. Inf. Spec.* 3. p. 61.
- Capensis*. Cinereous; thorax unarmed: head conic entire.
Inhabits *Africa* and *India*. *Thunb. Nov. Inf.* 3. p. 62.
- Parva*. Livid, smooth: wing-cases and wings hyaline: segments of the abdomen edged with black.
Inhabits *America*. *Drury Inf.* 2. tab. 39. fig. 5.
- Cingulata*. *Thorax* brownish: wing-cases green reticulate with black, and marked with 4 blackish spots: wings blackish with black lines, the edge yellowish-brown.
Inhabits *Jamaica*. *Drury Inf.* 2. tab. 49. fig. 2.
Abdomen annulate with black, 2 spined at the tip.

- Gigantea*. Brownish ; neck, thorax and thighs ferrate.
Inhabits *Italy*. *Drury Inf.* 2. p. 89. tab. 50 ; large.
- Angusta*. Greenish ; tail forked : antennæ filiform, as long as the body.
Inhabits *Antigua*. *Drury Inf.* 1. tab. 50. fig. 3.
- Sibirica*. Body varied with yellow and brown : wings hyaline with reddish nerves.
Inhabits *Siberia*. *Lepech. It.* 1. tab. 17. fig. 8.
Is probably only a variety of *M. pusilla*.
- Brachyptera*. Cinereous ; thorax toothed : wings half as long as the body.
Inhabits the deserts of *Siberia*. *Pall. It.* 2. App. n. 81.
- Pennicornis*. Crown with a conic spine : antennæ feathered, linear : hind-thighs terminating in a lobe.
Inhabits the deserts bordering on the *Caspian Sea* ; resembles in shape and colour *Mantis gongylodes*. *Pall. It.* 2. App. n. 81.

60. GRYLLUS. Head inflected, armed with jaws : feelers filiform : antennæ setaceous or filiform : wings 4, deflected, convolute ; the lower ones plaited : hind-legs formed for leaping : claws double on all the feet.

The Insects of this family feed on plants and herbs, except those of the division *Truxalis*, which prey on other insects : the *larvæ* and *pupæ* resemble the perfect insects, reside chiefly underground, and are 6-footed voracious and active ; they were the only animals of this Class which Moses permitted the Israelites to eat, and are, at present, used as an article of food by the natives of Africa and India.

A. *Antennæ ensiform* ; head conic, longer than the thorax.
Truxalis.

- asutus*. Head conic : body green.
Inhabits *Africa*. *Seba. Mus.* 4. tab. 96. fig. 41.
Mouth placed at the base of the head : antennæ at the tip : wings sometimes hyaline.

Conicus.

Conicus. Head conic: body brown: half the rib of the wing-cases green, with a line of white dots.

Inhabits *New Holland*.

Antennae brown longer than the thorax: *head* brown, the sides green at the base: *thorax* brown, slightly striate behind, with green sides and dorsal spot.

Vittatus. Head prominent: body testaceous: head thorax and hind-thighs with a lateral silvery stripe.

Inhabits *China*.

Antennae testaceous: the silvery stripe is drawn through the head and thorax to the tip of the hind-thighs: *hind-thighs* with a blueish fillet and line of silvery dots.

Hungaricus. Head conic; body green: antennæ and legs testaceous.

Inhabits *Hungary*. *Herbst. Arch. tab. 52. fig. 7.*

Thorax with 3 raised lines: *wing-cases* with a ferruginous and black line beyond the middle.

Brevicornis Head a little conic: body green: antennæ compressed, as long as the thorax.

Inhabits *America*. *Degeer. Inf. 3. tab. 42. fig. 7.*

This species varies much in colour.

Crenulatus. Head a little prominent: body green: wings rose-colour at the inner margin.

Inhabits *Tranquebar*.

Antennæ green, sometimes yellow at the base: *head* and *thorax* sometimes variegated with yellow, the lateral edge crenulate: *wing-cases* acute, longer than the body: *wings* white: *legs* yellowish, with raised white dots, the hind-ones green-smooth.

Giganteus. Green with 2 reddish fillets: antennæ ferruginous: thorax with 3 raised lines.

Inhabits *America*. *Herbst. Arch. 8. tab. 52. fig. 6.*

Oxycephalus. Head spatulate at the tip: wing-cases longer than the body, with a longitudinal brown streak: wings yellowish, hyaline at the margin.

Inhabits *Southern Russia*. *Pall. It. 1. app. n. 54.*

Foliaceus. Wings yellowish: antennæ foliaceous.

Inhabits *Asia*. *Seba. Mus. 4. tab. 74. fig. 9. 10.*

B *Thorax* carinate: antennæ filiform, shorter than the *thorax*: feelers equal. *Acrydium*.

Afer.

- Afer.* Scutel flat, pointed, as long as the abdomen.
Inhabits *Sierra Leona*. *Acrydium morbillosum*. *Fabricius*.
Body dusky : thorax carinate : legs blackish : hind thighs compressed carinate.
- * *Bipunctatus.* Dark brown : scutel as long as the abdomen.
Inhabits *Europe*. *Herbst. Arch. tab. 52. fig. 1—4*.
Wings 0 : thorax with a black rhombic spot each side : a whitish line sometimes runs from the front through the middle of the scutel.
- * *Sabulatus.* Dark brown : scutel longer than the abdomen.
Inhabits *Europe*. *Schæff. Icon. tab. 161. fig. 2. 3*.
Resembles the last : body sometimes grey or brown.
- Opacus.* Chestnut or black : thorax carinate, sometimes at the sides, as long as the abdomen.
Inhabits *Berlin*. *Herbst. Arch. 8. tab. 52. fig. 2*.
- Bifasciatus.* Brown spotted with white, with 2 lateral ochraceous bands.
Inhabits *Berlin*. *Herbst. Arch. 8. tab. 52. fig. 3*.
- Bimaculatus.* Thorax brown, with an ochraceous lunule each side.
Inhabits *Berlin*. *Herbst. Arch. 8. tab. 51. fig. 4*.
- Granulatus.* Varied with grey green and blackish, rough with raised dots and flattened at the sides ; thorax suboval gibbous.
Inhabits *Berlin*. *Herbst. Arch. 8. tab. 52. fig. 5*.
- Leucostictos.* Brown ; back of the thorax and scutel elevated and pale : scutel with a white spot each side at the base.
Inhabits *Europe*. *Mus. Lesk. p. 46. n. 16. b*.
- Griseus.* Grey ; a black spot each side the base of the scutel and behind the lamina of the wings.
Inhabits *Europe*. *Mus. Lesk. p. 46. n. 16. c*.
- Binotatus.* Grey : a ferruginous spot each side the scutel towards the tip of the lamina of the wings.
- C. *Antennæ* setaceous : feelers unequal : thorax rounded : tail with 2 bristles. *Acheta*.

* *Grylotalpa*.

**Gryllotalpa*. Wings terminating in slender tails longer than the abdomen : fore-feet palmate. *Mole Cricket.*

Donovan's Eng. Inf. v. tab. 147. Schaeff. Icon. t. 37. f. 1.

Inhabits Gardens and cultivated places of *Europe* and *America*, where it burrows below the surface of the ground, and is very destructive, eating and destroying the roots of plants.

Body dark chestnut brown, hairy : wing-cases shorter than the body, veined : antennæ shorter than the body.

Monstrosus. Wing-cases and wings tailed convolute.

Inhabits *India*. *Drury Inf. 2. tab. 42. fig. 1.*

Antennæ longer than the body : shanks spinous : feet dilated lobate.

**Domesticus*. Wings tailed, longer than the wing-cases : body glaucous. *House-cricket.*

Seb. Mus. 4. tab. 65. fig. 24. Degeer. 3. tab. 24. fig. 1.

An inhabitant of almost every house, about ovens and kitchen chimneys : wanders about during the whole night, keeping a continual chirping, especially before rain : is said to forsake houses infested with the cock-roach, and is destroyed by pills of Arsenic and the fresh root of the *Daucus* mixed with flour, or the root of the *Nymphæa* boiled in milk.

Affinis. Wings tailed, longer than the wing-cases : abdomen with 2 styles, cleft at the tip.

Inhabits *Jamaica* : size of the last.

Antennæ pale : thorax and head black with a pale edge : wing-cases rounded, brown : abdomen black : styles or spinous projections filiform, as long as the abdomen : legs brown.

Reticulatus. Black ; wing-cases reticulate with rufous : antennæ annulate with white.

Inhabits *Africa*. In the Museum of *Sr. Jos. Banks*.

Antennæ twice as long as the body, black with 7 white rings : head yellowish : crown black : thorax black with a yellow spot in the middle : wing-cases short obtuse : abdomen black : styles 2 villous, with an ascending spine.

Brasiliensis. Wings tailed longer than the wing-cases : body brown paler on the back : tail ascending, as long as the body.

Inhabits *Brasil*.

Head brown : crown paler : thorax brownish at the sides, pale above : wing-cases rounded with a lateral black spot : abdomen with a yellowish projection, brown at the end.

Orientalis.

- Orientalis.* Wings tailed, longer than the wing-cases : body deep black : head and legs testaceous.
Inhabits *Tranquebar*.
Wings twice as long as the cases, white with brownish tips : *styles* longer than the abdomen : *legs* simple yellowish.
- Flavipes.* Wings tailed, green, longer than the wing-cases : legs yellowish.
Inhabits *St. Thomas Island* in *America*.
Head and *thorax* yellowish : *wing-cases* green with a yellowish margin : bristles of the *tail* as long as the abdomen, black, thick at the tip and bifid.
- Capensis.* Wings tailed, longer than the wing-cases : body black : wing-cases brown, yellow at the base.
Inhabits *Africa*, very much resembles *G. campestris*.
- Morio.* Wings tailed, longer than the wing-cases, white tipped with black : body deep black.
Inhabits *Africa*.
Eyes testaceous : *wing-cases* rounded at the tip : *tail* with a long filiform brown spine.
- * *Campestris.* Wings shorter than the wing-cases : body blackish : style linear. *Field Cricket*.
Inhabits *Europe*. *Seba. Mus. 4. tab. 65. fig. 23. tab. 96. fig. 24.*
Chirps from the beginning of May till the Equinox, and is said to drive out the House Cricket if domesticated.
- Umbraculatus.* Black, wing-cases tipped with white : front covered with an obovate deflected membrane.
Inhabits *Barbary* : a little less than the last.
Head ferruginous, with a black membrane covering the front : *wings* o : *styles* villous : *legs* black.
- Hospes.* Wings tailed longer than the wing-cases, white with a brown rib : wing-cases white spotted with black.
Inhabits *America*.
Antennae brown, a little longer than the body : *head* and *thorax* black : *wing cases* short : *abdomen* black : *tail* with a spinous recurved projection nearly as long as the body : *legs* brown : *hind-shanks* spinous at the tip.
- Crucis.* Wings tailed, longer than the wing-cases : body brown : margin of the wing-cases dotted with black.
Inhabits *Santa Cruz*.
Margin of the *thorax* yellow : *wings* whitish : *antennae* thrice as long as the body.

- Guadelou-
pensis.* Wings without tails : body brown : legs pale.
Inhabits *Guadeloupe* ; small.
Thorax with a large yellowish spot : wings and wing-cases equal,
hardly longer than the body : tail without the style : legs yellowish : hind-shanks ferrate.
- Allioni.* Head and thorax yellowish : wing-cases aqueous, as long as the wings.
Inhabits *Italy*.
Antennæ longer than the body : eyes black : wing-cases flat, rounded, water-colour : wings hardly longer than the cases, sharp : abdomen black : fore-legs yellowish, the hind-ones brown with spinous shanks.
- Minutus.* Wings tailed : body yellowish : hind-shanks 3-spined.
Inhabits *America*. *Degeer. Inf. 3. tab. 43. fig. 8.*
- Sylvestris.* Apterous, black : wing-cases vaulted, very short, cinereous with brown lines.
Inhabits *France* ; small.
Thorax pale with a blackish edge all round : abdomen black with a recurved spine longer than the 2 styles.
- Gryllodes.* Grey : thorax depressed : abdomen brownish, a little longer than the wing-cases ; wings longer than the wing-cases, reticulate, grey-hyaline.
Inhabits *Jamaica*. *Pall. Spic. Zool. 9. tab. 1. fig. 10.*
- Binotatus.* Black ; base of the wing-cases with 2 yellow spots : antennæ shorter than the body.
Inhabits *Europe*. *Herbst. Arch. 8. tab. 53. fig. 1.*
- Pellucens.* Whitish ; thorax trapeziform.
Inhabits *Carniola* and *Italy*. *Scopol. Delic. 1. tab. 24. fig. 2.*
Head lucid : thorax with 3 brown spots : wing-cases yellowish.
- Gigas.* Body entirely bay.
Inhabits *America*. *Sulz. Hist. Ins. tab. 8. fig. 8.*
- Tessellatus.* Brown-testaceous : wings tessellate with white and black.
Inhabits *St. John Island*. *Drury. Inf. 2. tab. 42. fig. 3.*
- Membrana-
ceus.* Pale testaceous : thorax with a yellowish collar ; wings tailed, ochraceous.
Inhabits the *Deserts of Ural*. *Pall. It. 1. app. n. 53.*

Surinamensis.

- Surinamensis*. Grey-brown; thorax flat: wing-cases with an oblong black spot: hind-legs twice as long as the body.
Inhabits Surinam. *Degeer. Ins. 3. tab. 43. fig. 1.*
- Muticus*. Head and wing-cases bay: legs testaceous: tail of the female unarmed.
Inhabits Surinam. *Degeer. Ins. 3. tab. 43. fig. 2.*
- Ater*. Black-brown: tail of the female unarmed.
Inhabits Surinam. *Degeer. Ins. 3. tab. 43. fig. 3.*
- Fasciatus*. Brown; thorax and wing-cases with fulvous lines.
Inhabits Pennsylvania. *Degeer. Ins. 3. tab. 43. fig. 5.*
- Niveus*. Whitish; wing-cases and wings snowy: thorax elongated: antennæ and hind-thighs very long.
Inhabits Pennsylvania. *Degeer. Ins. 3. tab. 43. fig. 6.*
- Punctulatus*. Grey-brown: wing-cases hyaline with a brown dot: thorax elongated: flesh-colour wings and antennæ very long.
Inhabits Pennsylvania. *Degeer. Ins. 3. tab. 43. fig. 7.*
- D. *Antennæ setaceous: feelers unequal: male with an ocellate spot at the base of each wing-case: tail of the female armed with a sword-like projection. Locusta.*
- Citrifolius*. Thorax nearly quadrangular, the angles crenate.
Inhabits India. *Naturalist's Miscel. iv. plate. 136.*
Antennæ nearly as long as the body: *wing-cases* green, leaflike, with red nerves: *legs* ferruginous.
- Laurifolius*. Thorax nearly quadrangular, smooth: wings (mostly) longer than the wing-cases.
Inhabits America. *Nat. Miscel. iv. plate. 115.*
Thorax yellowish: *wing-cases* gibbous green, leaf-like, with red nerves: *wings* hyaline green at the tip: *thighs* yellowish: *shanks* and *tarsi* green.
- Myrsifolius*. Thorax nearly triangular, smooth: wings deflected, longer than the wing-cases: sword very short recurved.
Inhabits America. *Drury. Ins. 2. tab. 41. fig. 2.*
Half the size of the last: tail of the male with a clavate forked lamina.

- Fenestratus* Thorax smooth ; wing-cases green : legs very spinous.
 Inhabits *East India* ; large.
Antennae very long brown : *head* varied with black and brown :
thorax smooth green, rounded behind and black : *wing-cases*
 with 2 spots in the middle and 3 small ocellate spots : *wings*
 white : *body* greenish with a sharp tooth on the back.
- Camellifolius*. Thorax deflected : wing-cases concave, rounded at the tip
us. and longer than the wings.
 Inhabits *America*. *Degeer. Inf. 3. tab. 37. fig. 5.*
Thorax of 3 segments, deflected at the sides, rounded behind :
abdomen greenish, the sword ascending, green tip with brown :
legs greenish : *thighs* spinous.
- Oleifolius*. Thorax subcarinate : wing-cases concave, green, shorter
 than the wings : front pointed.
 Inhabits *Tranquebar* ; middle-sized.
Antennae yellowish : *body* brown.
- Thymifolius* Thorax quadrangular, smooth : wing-cases nearly linear,
 dotted with brown, shorter than the wings.
 Inhabits *New Holland*.
Thorax with a lateral brown line, emarginate behind : *wings*
 whitish, greenish at the tip.
- Graminifolius*. Thorax square : wing-cases filiform, brown, shorter than
lius. the wings : head pointed.
 Inhabits the *Cape of good hope* ; small.
Antennae shorter than the body : *abdomen* greenish, the sword
 straight, green tip with brown.
- Lilifolius*. Thorax square smooth, with 2 yellow lines : wing-cases
 green, shorter than the wings.
 Inhabits *Italy* ; small.
Antennae yellowish, twice as long as the body : *head* green :
wing cases longer than the body : *sword* very short recur-
 ved brown and finely ferrate each side : *legs* green : *shanks*
 spinous.
- Perspicillatus*. Thorax deflected : wing-cases concave, green.
us. Inhabits *America*.
Head pale : *antennae* brown ; *thorax* rounded behind ; *legs* spi-
 nous ; *tail* with 6 strong incurved teeth and an ascending
 sword.
- Salvifolius*. Thorax smooth : wing-cases lanceolate, concave, green :
 wings rounded, red.
 Inhabits—*Linnean Transact. iv. p. 58. tab. 5.*
Antennae green, longer than the body : *head* and *thorax* green :
abdomen ferruginous : *legs* green.

- Serripes.* Thorax rounded, greenish : wing-cases and wings equal : fore-legs very spinous.
Inhabits *Amsterdam Island*.
Antennæ pale, thrice as long as the body. *head* pointed between the eyes : *wing-cases* greenish : *wings* pale : *thighs* and *shanks* of the fore-legs with a double row of spines.
- Spinipes.* Thorax rounded : wing-cases green hyaline, shorter than the wings : fore-legs spinous.
Inhabits *Brasil* : small.
Antennæ as long as the body : *head* palish : *eyes* very prominent : *wing-cases* obtuse : *body* brown ; *fore-thighs* and *shanks* with numerous long spines.
- Maxillofus.* Green ; antennæ and jaws yellow.
Inhabits *America* ; probably a variety of *G. acuminatus*.
Head pointed, with a yellow dot at the tip : *antennæ* as long as the body : *thorax* glabrous, sinuate behind each side : *wing-cases* and *wings* twice as long as the body : *hind-thighs* toothed beneath : *shanks* yellowish.
- Elongatus.* Thorax nearly square, smooth : wing-cases and wings grey, longer than the body.
Inhabits *India*. *Roess. Inf. 2. Gryll. tav. 18. fig. 7.*
Thorax with a black spot each side : *wing-cases* grey spotted with brown : *wings* immaculate.
- Femoratus.* Thorax rough grey : wings lanceolate, shorter than the obtuse wing-cases : thighs membranaceous and toothed beneath.
Inhabits *Tranquebar*.
Thorax rough with sharp raised dots, rounded before and behind : *sword* straight short black with rufous sides.
- Albicapillus.* Thorax deflected : wing-cases green, as long as the wings : head whitish.
Inhabits *Italy*. *Locusta italica. Fabricius.* Small.
Antennæ longer than the body, ferruginous : *thorax* smooth greenish : *wing-cases* hardly longer than the body, flat and brownish on the back : *wings* hyaline, greenish at the tip : *body* yellowish : *sword* straight, longer than the body.
- Specularis.* Thorax rounded : wing-cases grey : antennæ very long.
Inhabits *America*.
Antennæ brown, thrice as long as the body : *thorax* brown with a black lateral line : *legs* spinous.

- Perforatus.* Thorax deflected: wing-cases linear, grey; wings varied with white and black.
Inhabits the *Cape*. middle-sized.
Antennae brown twice as long as the body: *crown* with 3 lateral black lines connected by a white one: *thorax* brownish, pale at the sides: *abdomen* brown with lateral pale spots: *legs* ferrate.
- Lamellosus.* Thorax nearly square: hind-thighs with oval leaves or laminæ before them.
Inhabits *America*. *Mus. Lud. Ulr.* 128.
- Lanceolatus.* Thorax rounded smooth: oblong wing-cases and wings equal: front projecting, lanceolate, 1-toothed beneath.
Inhabits *Sierra Leona*; larger than *G. conocephalus*.
Front longer than the head, green at the base beneath: *thorax* sinuate each side behind.
- Pallens.* Thorax smooth: body whitish: wings lanceolate, longer than the wing cases.
Inhabits *Cayenne*; small.
Sword shorter than the abdomen, 4-cleft, tip with black.
- Acuminatus.* Thorax rounded, emarginate each side: crown subulate: wings greenish, as long as the body.
Inhabits *India* and *Europe*. *Sloan. Jamaic. 2. tab. 37. fig. 8.*
Crown elevated, obtuse, pointed beneath.
- Conocephalus.* Thorax rounded, smooth: wing-cases oblong, shorter than the wings: head conic, obtuse.
Inhabits *Africa*. *Body* green.
Thorax with a brown dorsal line: *sword* ferruginous.
- Triops.* Crown pointed, with an ocellate black spot beneath: wing-cases and wings equal
Inhabits *India*. *Wings* green: *thorax* rounded.
- Coronatus.* Thorax crowned with erect spines: wing-cases with large hollow brown dots.
Inhabits *India*. *Degeer Inf. 3. tab. 38. fig. 5.*
Antennae varied with yellow and grey: *wings* brown.
- Melanopter.* Thorax rounded, smooth: wing-cases half as long as the abdomen: wings black.
Inhabits *India*.
Wing-cases ovate: margin of the *wings* testaceous at the base.
Coriaceus.

- Coriaceus.* Thorax rounded smooth: wing-cases coriaceous: wings pale: antennæ very long.
Inhabits *India*. Body above yellowish.
- Reticularis.* Thorax with 3 segments: wing-cases reticulate: wings brown: antennæ very long.
Inhabits *Guadeloupe*. *Locusta reticulata*. *Fabricius*.
Antennæ ferruginous, twice as long as the body: *head* cinereous with a brown blotch at the base: *thorax* subspinous reddish: *wing-cases* resembling a dead leaf, rounded, as long as the wings: *sword* short recurved, cinereous tipt with black: *legs* ferruginous, sharply serrate beneath.
- Albifrons.* Thorax smooth, rounded behind: wing-cases varied with cinereous and black: head pale.
Inhabits *Madeira* and *Italy*; large, brown.
Antennæ long: *wing-cases* obtuse, as long as the wings: *wings* hyaline: *female* with a straight serrate sword.
- Falx.* Thorax smooth, rounded behind, brown: head pale: sword falcate black.
Inhabits *Madeira*.
Head obtuse: *mandibles* tipt with black: *wing-cases* grey spotted with cinereous and brown: *abdomen* and *legs* brown.
- Griseus.* Thorax carinate behind and rounded: body brown: sword falcate, black, pale at the base each side.
Inhabits *Italy*.
Antennæ yellowish, as long as the body: *wing-cases* varied with cinereous and brown: *wings* hyaline: *legs* greenish.
- * *Viridissimus.* Head thorax and wing-cases green immaculate: antennæ very long.
Inhabits *Europe*. *Donovan's English Ins.* iv. tab. 130.
Legs yellowish: *sword* straight serrate.
- * *Verrucivorus.* Wings green spotted with brown: antennæ as long as the body.
Merian. Ins. tab. 176. *Schæff. Icon. tab.* 62. fig. 5.
Inhabits *Europe*, and is collected by the common people in *Sweden* for the purpose of destroying warts on the hands, which it is said to perform by biting off the excrescence, and discharging on the wound a corrosive liquor.

- Gladiator.* Thorax rounded: wings linear, acute, longer than the cases: hind-thighs with a black spot at the tip.
Inhabits *Tranquebar*.
Antennæ much longer than the body, and with the *head* testaceous: *thorax* testaceous with black dorsal blotches: *wing-cases* hyaline reticular: *sword* straight narrow: *legs* testaceous.
- * *Varius.* Thorax green with a yellow line down the middle: body pale green, the 3 last joints blackish: *antennæ* very long.
Inhabits *Europe*. *Donov. Eng. Inf. iii. tab. 79. fig. 1*
Eyes blackish: *wings* paler green than the wing-cases: *legs* green.
- * *Brachyp-terus.* Grey-brown: wing-cases and wings half as long as the body.
Inhabits *Europe*. *Degeer. Ins. 3. tab. 22. fig. 2, 3.*
Sword of the female long recurved.
- Serratus.* Thorax smooth green: fore-thighs and shanks ferrate: body apterous.
Inhabits *Hungary*; large.
Thorax yellowish at the sides: *antennæ* testaceous longer than the body: *sword* straight, shorter than the abdomen.
- Fuscatus.* Green; wing-cases brown, as long as the wings: front projecting, obtuse.
Inhabits *France*; size of *G. varius*.
Antennæ brown, longer than the body: *head* green with a black dorsal line: *thorax* green brown on the back: *wings* hyaline: *sword* testaceous, as long as the abdomen.
- Pupus.* Thorax ciliate with spines: abdomen tuberculate, spinous: body apterous.
Inhabits *Æthiopia*. *Degeer Ins. 3. tab. 39. fig. 5.*
Scutel large rounded ciliate: *hind-thighs* 4-toothed beneath.
- Spinulosus.* Thorax muricate and surrounded with spines: body apterous.
Inhabits *India*. *Edwards Glean. 2. tab. 285. fig. 3, 4, 5.*
Antennæ as long as the body: *abdomen* black with testaceous spots: *sword* recurved.
- Onos.* Thorax smooth black, grey at the sides: body apterous.
Inhabits *Siberia*. *Pall. Spicil. fasc. 9. tab. 2. fig. 1.*
Sword of the female as long as the abdomen.

- Ephippiger*. Thorax elevated behind: wing-cases very short and vaulted. Inhabits *Enrope*. *Ross. Fn. Etr.* 1. tab. 8. fig. 3, 4.
Antennae thrice as long as the body: *head* green, grey behind: *thorax* grey, yellowish at the sides: *abdomen* black, the *sword* recurved and yellowish at the tip: *legs* brown; *thighs* yellow beneath.
- Apterus*. Wing-cases very short, vaulted, whitish: front black dotted with ferruginous. Inhabits *Italy*; size of the last.
Antennae black, twice as long as the body: *thorax* testaceous, black at the sides, the edge testaceous: *abdomen* pale, black at the sides: *legs* black: *hind-thighs* edged with pale at the base.
- Dubius*. Thorax smooth, rounded behind: wing-cases very short, whitish at the tip: head whitish. Inhabits *Italy*. *Locusta pedestris*. *Fabricius*.
Antennae brown pale at the base, as long as the body: *thorax* brown, the sides whitish before: *abdomen* brown, with 2 lines of ferruginous dots on the back: *legs* grey, the hind-knees black.
- Ferricaudus*. Green; thorax with a lateral ferruginous line: wing-cases very short: sword recurved ferrate. Inhabits *Italy*. *Fabricius. Append. p. 455*.
Antennae very long: wing-cases rounded, flat.
- axmanni*. Thorax margined behind and toothed: female apterous, the sword recurved, deflected at the tip. Inhabits *Siberia*. *Pall. Spicil. Zool.* 9. tab. 2. fig. 2, 3.
Wings of the male reticulate, brown, ovate, small, the thicker edge pale towards the base.
- laber*. Brown; thorax subdepressed, very smooth: wing-cases green in the middle, spotted with brown. Inhabits *Germany*. *Schaeff. Icon.* tab. 62. fig. 1, 2.
- ndicus*. Green; front obtuse, conic: thorax elevated before and behind, hollowed in the middle: abdomen and wings brown. Inhabits *India*. *Herbst. Arch.* 8. tab. 53. fig. 2.
- ucostictus*. Brown-testaceous: wing-cases edged and spotted with yellow: thighs with a clear white dot at the juncture. Inhabits *Germany*. *Roesl. Inf.* 2. *Gryll.* tab. 20. fig. 8—10.

- Palpatus.* Apterous; brown-testaceous: anterior feelers and hind-legs very long.
Inhabits Sicily. *Sulz. Inf. p. 83. tab. 9. fig. 2.*
- Cantans.* Thorax rounded, spotted: wings rounded: antennæ very long.
Inhabits Europe. *Fuess. Inf. Helv. fig. 5. a. 5. b.*
Resembles *G. viridissimus*: wing-cases very short.
- Falcatus.* Wing-cases green, shorter than the wings: antennæ very long: sword inflected ferruginous.
Inhabits Germany and Siberia. *Schæff. Icon. tab. 138. fig. 1—3.*
- Pedo.* Slender, soft: hind-legs long and very slender.
Inhabits Siberia. *Pall. It. 1. App. n. 51.*
- Flavesens.* Yellowish; wing-cases reddish reticulate with black: sword yellowish-black.
Inhabits Germany. *Schæff. Icon. tab. 91. fig. 6.*
Eyes blue: sword of the female ascending.
- Bipustulatus.* Brown; sword and 2 dots on the thorax black: wing-cases yellowish tessellate with black, shorter than the wings.
Inhabits Germany. *Schæff. Icon. tab. 131. fig. 4—5.*
- Marginatus.* Green, variegated: thorax edged with yellow.
Inhabits Germany. *Schæff. Icon. tab. 236. fig. 4.*
- Rubicundus.* Head and thighs reddish with blue scales.
Inhabits Germany. *Schæff. Icon. tab. 242. fig. 5, 6.*
- Rufipes.* Green; legs red: sword and protuberances on the thighs brown.
Inhabits Germany. *Schæff. Icon. tab. 255. fig. 1, 2.*
- Luteus.* Yellowish: wings greenish: sword deep black.
Inhabits Germany. *Schæff. Icon. tab. 258. fig. 1, 2.*
- Cinereus.* Grey; head and 2 bands on the thorax black: female apterous: antennæ very long.
Inhabits Sweden. *Degeer. Inf. 3. p. 436. n. 5.*

- Cornutus.* Green; thorax rounded: crown horned, rugged: thighs very spinous: antennæ testaceous, shorter than the wing-cafes.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 37. fig. 7.*
- Tuberculatus.* Thorax flattish: crown tuberculate, smooth: wing-cafes long, narrow: antennæ testaceous, as long as the wing-cafes.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 38. fig. 1.*
- Curvicaudus.* Green; thorax quadrangular, flat: wing-cafes elongated, shorter than the wings: hind-legs very long.
Inhabits *Pensylvania.* *Degeer. Ins. 3. tab. 38. fig. 3.*
- Vulturinus.* Thorax angular smooth: fore-thighs unarmed: spot on the front and bands on the abdomen beneath black: antennæ thrice as long as the body.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 39. fig. 2.*
- Falconarius.* Thorax rounded: thighs round, long, the middle pair unarmed: wing-cafes lanceolate: antennæ very long.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 39. fig. 4.*
- Capitatus.* Head large: thorax flat, smooth, with 2 black stripes: wing-cafes as long as the abdomen.
Inhabits——*Degeer. Ins. 3. tab. 40. fig. 1.*
- Spinifrons.* Thorax flattish-smooth: crown spinous: front black: body rufous-brown: wing-cafes pale purple-green.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 40. fig. 2.*
- Agilis.* Grey-green: abdomen brown: thorax flattish: hind-legs and antennæ very long: wings longer than the wing-cafes.
Inhabits *Pensylvania.* *Degeer. Ins. 3. tab. 40. fig. 3.*
- Fosciatus.* Green; abdomen with sulphur and brown bands: thorax flattish: wings longer than the wing-cafes: hind-legs very long.
Inhabits *Pensylvania.* *Degeer. Ins. 3. tab. 41. fig. 4.*

- Teres.* Livid-yellow: eyes very large: wings longer than the wing-cases: fore-legs spinous.
Inhabits Surinam. *Degeer. Inf. 3. tab. 40. fig. 5.*
- Muticus.* Thorax oblong-square, margined: thighs and shanks with 2 rows of spines: sword smooth ascending, nearly as long as the abdomen.
Inhabits out of Europe. *Mus. Lesk. p. 47. n. 22.*
- Macrepterus* Thorax rounded: wings whitish with brown lines, longer than the immaculate wings-cases: abdomen terminating in 4 threads: hind-thighs beneath and 4 fore-shanks with 4 rows of spines.
Inhabits out of Europe. *Mus. Lesk. p. 47. n. 23. C.*
- Nigromaculatus.* Thorax rounded, smooth: head and wing-cases pale: antennæ very long: wing-cases greenish-blue with 7 transverse rows of black waved spots.
Inhabits out of Europe. *Mus. Lesk. p. 47. n. 24.*
Legs pale: fore-shanks long, spinous.
- Testaceus.* Testaceous; abdomen beneath and outer edge of the thorax yellow: wing-cases longer than the body: sword ascending, 4-valved.
Inhabits Europe. *Mus. Lesk. p. 47. n. 28.*
- Fulvicornis.* Varied with brown and cinereous: antennæ yellowish, as long as the body: thorax flat, subcarinate behind: wing-cases grey brown, with an obsolete row of pale dots: sword ascending.
Inhabits Europe. *Mus. Lesk. p. 48. n. 33.*
- Longicornis.* Thorax rounded, testaceous above: head green: front pointed testaceous: antennæ very long: wing-cases testaceous, half as long as the abdomen: sword ascending, testaceous, green at the base.
Inhabits Europe. *Mus. Lesk. p. 48. n. 34.*
- E. *Antennæ filiform: feelers simple: tail simple: throat with a horn-like protuberance.* Gryllus.
- Elephas.* Thorax carinate, entire: body apterous.
Inhabits Africa. *Raef. Inf. 2. Gryll. tab. 6. fig. 2.*

- Succineus*. Keel and hind-margin of the thorax and dorsal margin of the wing-cases yellow.
Inhabits *India*. *Herbst. Arch.* 8. *tab.* 54. *fig.* 2.
- Cristatus*. Thorax crested, with a 4-cleft ridge: wings variegated, brown at the lower margin.
Inhabits *Arabia*. *Natural. Miscel.* vii, *plate.* 251.
Head and *body* red crossed with black lines: *legs* red.
- Dux*. Thorax carinate rough: wing-cases green: wings rufous spotted with brown.
Inhabits *South America*. *Drury. Inf.* 1. *tab.* 44.
Antennae black: *head* yellowish: *thorax* greenish, with pale raised dots: *wing-cases* with yellow nerves: hind-margin of the *wings* brown; *body* and *legs* greenish.
- Carina*. Thorax carinate, with a trifid crest: wings with a black band.
Inhabits the *East*. *Gryllus carinatus*. *Fabricius*.
Thorax rough: *wing-cases* greenish: *hind-thighs* carinate each side, rough and reticulate with raised lines: *shanks* very spinous.
- Lupus*. Segments of the thorax with a femiorbicular crest: wing-cases black with white bands.
Inhabits *South America*. *Wings* black immaculate.
- Reticularis*. Thorax boat-shaped, lengthened and acute behind: wing-cases reticulate,
Inhabits *Tranquebar*.
Head ferruginous: *mouth* spotted with black: *antennae* ferruginous, the first and last joints black: *thorax* with a trifid crest, ferruginous, the keel and abbreviated lateral line black: *wing-cases* black reticulate with yellow: *legs* black, rufous beneath.
- Gallinaceus*. Thorax boat-shaped, very large, lengthened at each end, and with the wing-cases brown, immaculate: hind-thighs compressed serrate.
Inhabits *East India*.
Antennae very short, brown: *thorax* compressed, covering the head and more than half the body: *wing-cases* flexuous at the outer margin: *wings* yellowish, pointed and brown at the tip: *fore-thighs* channelled beneath: *hind shanks* spinous, the spine at the base larger and membranaceous.

- Serripes*. Thorax boat-shaped, lengthened behind: wing-cases brown: hind-thighs ferrate.
Inhabits *America* and *India*.
Front flat: *head* and *thorax* brown varied with pale: keel of the *thorax* very much elevated, sharp and impressed each side: *hind-thighs* cinereous, ferrate above channelled beneath: *shanks* spinous.
- Serratulus*. Thorax boat-shaped, carinate, ferrate, lengthened and sharp behind.
Inhabits *Africa*. *Roesl. Inf. 2. Gryll. tab. 16. fig. 2.*
Head pointed *abdomen* blue.
- Turcicus*. Thorax boat-shaped: body cinereous: wing-cases with a brown band and base: wings black at the base.
Inhabits *India*; small.
Keel of the *thorax* testaceous: *legs* cinereous.
- Miliaris*. Thorax nearly square, warty: wing-cases with white callous dots.
Inhabits *America*. *Degeer. Inf. 3. tab. 40. fig. 6.*
Scutel rounded, toothed at the edge.
- Morbillosus*. Thorax square, warty, red: wing-cases brown dotted with white: wings rufous.
Inhabits the *Cape*. *Roesl. Inf. 2. Gryll. tab. 18. fig. 6.*
Antennae filiform black.
- Cinctus*. Thorax spinous: wing-cases dusky: wings rufous spotted with black.
Inhabits *Senegal*; size of *G. milliaris*
Antennae black: *head* yellowish: *thorax* yellowish, covered and fringed with spines behind.
- Leprosus*. Thorax subspinous, with 2 tubercles before: wing-cases varied with blueish and yellow.
In the Museum of Sir *Joseph Banks*.
Head pale, spotted with black before: *antennae* black: *thorax* rounded behind: *wings* yellowish dotted with black: *legs* pale: *thighs* dotted with black without, the joints black.
- Punctatus*. Thorax warty: wing-cases black dotted with yellow: wings black.
Inhabits *India*. *Drury. Inf. 2. tab. 41. fig. 4.*
Abdomen green with rufous rings.

Scabiosus.

- Scabiosus*. Thorax square, warty, black edged round with yellow: wing-cases green dotted with yellow.
Inhabits *Tranquebar*; size of the last.
Head black with a broad yellow crown reaching to the edge of the thorax each side: *wing-cases* greenish: *body* black, the edges of the segments red: *breast* spotted with red: *legs* black: *hind thighs* with a ferrate yellow line each side.
- Squarrosus*. Thorax 3-jointed, the joints spinous each side: wings red dotted with black.
Inhabits *Africa*. *Drury. Inf. 1. tab. 49. fig. 1.*
Head and *thorax* dull green: first joint of the *thorax* 2 spined, the hind-spine tricuspidate, second joint with a tricuspidate spine, the third with many spines: *wing-cases* green dotted with brown.
- Hæmatopus*. Thorax subcarinate, rough: head obtuse: thighs ciliate with hairs.
Inhabits *India*. *Degeer. Inf. 3. tab. 40. fig. 10.*
Wing-cases cinereous: *wings* hyaline, reticulate with black veins.
- Flavicornis*. Thorax subcarinate: green: wing-cases immaculate: wings rufous at the base: hind-shanks sanguineous ferrate with yellow.
Inhabits *China*; large.
- Flavidus*. Thorax subcarinate: grey: wings yellowish at the base, with an abbreviated brown band at the tip and brown dots.
Inhabits *Tranquebar*. *Gryllus flavescens. Fabricius.*
Head and *thorax* with a yellowish line or two: *wing-cases* grey, or varied with cinereous and brown: *hind-shanks* spinous, sanguineous tipt with black.
- Pictus*. Wing-cases green dotted with white and reddish at the tip: body variegated with blue and yellow.
Inhabits *Cayenne*.
Antennae blue with 3 yellow rings: *head* blue with 6 yellow lines: *thorax* blue spotted with yellow: *abdomen* annulate with yellow and blackish: *wings* red: *fore legs* varied with yellow and blue: *hind-thighs* blue with 2 yellow streaks at the tip: *shanks* yellow.
- Tartaricus*. Thorax with 2 segments: front impressed: mandibles the colour of the body.
Inhabits *Africa*. *Roess. Inf. 2. Gryll. tab. 18. fig. 8.*
Wing-cases pale ash-colour spotted with brown. * *Migratorius*.

Migratorius Thorax subcarinate, of a single segment: mandibles blue.

Donov. Eng. Inf. viii. tab. 270. Naturalist's Miscell. ii. tab. 62.
Inhabits *Tartary* and migrates in incredible swarms into various parts of *Europe*. The mischief these voracious creatures do, when they appear in vast legions, far exceeds the calamities occasioned by any other tribe of animals. By suddenly destroying all vegetation, they change the most fertile provinces into barren deserts, leaving behind them desolation and famine and diseases. They have occasionally appeared in small flights in *England*, but have perished in a short time. This was probably the species which constituted one of the Plagues of Egypt. *Numbers. Chap. x.*

Body brownish varied with darker spots: legs blue: hind-thighs and shanks yellowish.

Ruficornis. Thorax black on the back with a yellow keel: antennæ and shanks yellow.

Inhabits *Sierra Leona*: a little less than the last.

Antennæ reddish: head pale varied with brown: wing-cases varied with brown and cinereous.

Lineola. Thorax subcarinate, brown with a rufous dorsalline: hind-thighs sanguineous within: shanks blueish.

Inhabits *Italy*; size of *G. migratorius*.

Head grooved brown: thorax of 3 segments: wing-cases grey: wings white reticulate with brown: hind-thighs with a sanguineous line within: shanks blue with white spines, the tip black.

Variegatus. Thorax with yellow lines: wing-cases green: wings blue.

Inhabits *America. Herbst. Arch. 8. tab. 53. fig. 3.*

Antennæ black with red rings: front red with black spots.

Vocans. Thorax carinate: wing-cases pale with ocellar brown spots: wings ferruginous at the base.

Inhabits *New Holland*.

Head pale testaceous: mandibles black: stigmata 3, 2 gold ones above the antennæ and another in the middle of the front: thorax ferruginous, the edge yellowish: wing-cases rounded.

Nervosus. Greenish; thorax black on the back with a yellow line: wing-cases greenish, with a yellowish or greenish sub-marginal nerve.

Inhabits *Guinea*. Less than *G. migratorius*.

Antennæ short, yellow or ferruginous: head greenish, grooved each side: hind-shanks with white teeth ferruginous at the tip.

Luridus.

- Luridus*. Thorax subcarinate: black: spot on the breast and belts on the abdomen sanguineous: front projecting.
Inhabits *Africa*.
Antennae black, the last joint but one yellowish: *thorax* rough.
- Musicus*. Thorax carinate: wing-cases black before with a white band, behind grey varied with black.
Inhabits *New Holland*.
Head brown, palish at the sides: *mandibles* blueish: *hind-shanks* sanguineous, yellow at the base.
- Tuberculatus*. Thorax rough: wings red, cinereous as the tip: hind-thighs carinate above and beneath.
Inhabits sandy places of *Jutland*.
Wing-cases clouded with brown and cinereous: *hind thighs* brown: *shanks* yellow.
- Testi*. Thorax rough, the crest bifid: wings red with a black band: hind-thighs channelled.
Found on the *Cistus balimifolius*.
Antennae yellowish: head black varied with brown, whitish at the base: *thorax* varied with cinereous and brown, with raised dots: *wing-cases* varied with cinereous and brown: *wings* black at the base: *hind-thighs* variegated without, within yellowish with a large black spot at the base, and sanguineous at the sides: *shanks* sanguineous.
- Stridulus*. Thorax carinate: wings red, black on the outer part.
Inhabits *Europe*. *Roejs, Inf. Gryll. tab. 21. fig. 1.*
- Lorio*. Thorax subcarinate: body dusky: wings black immaculate.
Inhabits *Africa*: less than the last.
Body sometimes varied with green: *hind thighs* yellowish tipped with black: *shanks* in some species sanguineous, yellow at the base.
- Ferrugineus*. Thorax tuberculate: wing-cases dusky immaculate: wings ferruginous: head pointed.
Inhabits *Africa*.
Antennae black with 2 yellow rings: *mouth* brown with red spots: *front* and *crown* yellow: *thorax* yellow edged with black: inner margin of the *wings* cinereous at the tip: *abdomen* annulate with brown and yellow: *thighs* beneath and all the *shanks* rufous.

Surinamus. Thorax with 4 yellow lines: wings blue: wing-cases brown

Inhabits *South America*. Thighs sanguineous at the base.

Italicus. Brown; thorax carinate: wings red, hyaline at the tip.

Inhabits *Italy*. *Roess. Inf. 2. Gryll. tab. 21. fig. 6.*

Wing-cases varied with cinereous and brown.

Germanicus. Testaceous; wings sanguineous, hyaline at the tip: hind-thighs dotted with black.

Inhabits *Germany*. *Roess. Inf. 2. Gryll. tab. 21. fig. 7.*

Thorax subcarinate: wing-cases testaceous spotted with brown: hind thighs transversely striate, with a semilunar black spot each side at the base: shanks sanguineous.

Thalassinus. Thorax smooth green: wings hyaline, the thinner side green and tip with brown.

Inhabits *Italy*.

Head green: mouth and eyes brown: thorax with a large brown spot each side before: wing-cases grey, the tip green at the base: hind-thighs green spotted with brown: shanks sanguineous.

Virginianus. Thorax carinate: wing-cases with a green rib: wings black, greenish at the base:

Inhabits *North America*; small.

Thorax and wing-cases dull reddish.

Cærulans. Thorax smoothish: wing-cases pale spotted with black: wings blueish on the thinner side.

Inhabits *Italy*.

Carolinus. Thorax subcarinate: wings black, the hind margin cinereous.

Inhabits *America*. *Catesby's Carolina. 2. tab. 89.*

Wing-cases dusky speckled with brown: hind-shanks cinereous.

Obscurus. Thorax smooth: wing red on the disk, with a black band, and hyaline at the tip.

Inhabits *Africa*. *Drury. Inf. 2. tab. 41. fig. 1.*

Maculatus. Thorax unequal: wings red at the base, hyaline at the tip and spotted with brown.

Inhabits *France*. *Gryllus fasciatus. Fabricius.*

Antennæ short brown, darker at the tip: head dusky with an impressed line in the middle: wing-cases varied with cinereous and brown.

Sibiricus.

Sibiricus. Thorax subcarinate: antennæ clavate: fore-shanks ovate-clavate.

Inhabits *Siberia*. *Pall. Spic. Zool. fasc. 9. tab. 1. fig. 11.*

Cærulescens Thorax subcarinate: wings greenish blue with a black band.

Inhabits *Europe*. *Roeff. Ins. 2. Gryll. tab. 21. fig. 4.*

Wings cinereous at the tip.

Cinerascens. Thorax carinate: wing-cases green on the thinner margin: wings yellowish at the base, cinereous at the tip.

Inhabits *Italy*; twice as large as *G. flavus*.

Front greenish: mouth ferruginous: thorax brown: wing-cases brownish dotted with white: hind-shanks rufous.

Sulpureus. Thorax carinate: body dusky: wings bright yellow, blackish at tip.

Inhabits *America*: small.

Head, thorax and wing-cases dull ferruginous, the latter somewhat cinereous at the tip: hind thighs within annulate with yellow and black: shanks blue, pale at the base.

Flavus. Thorax carinate: wings yellow with a black band, cinereous at the tip.

Inhabits *America*. *Degeer. Ins. 3. tab. 41. fig. 5.*

Antennæ short yellowish; head obtuse black: front with 2 yellow lines: thorax with a white cross: wing-cases brown with a whitish band or two at the base: hind-shanks sanguineous.

Cyanipes. Brown with a yellow dorsal line: hind-shanks yellow tipped with blue.

Inhabits *America*. *Degeer. Ins. 3. tab. 40. fig. 32.*

Antennæ yellowish tipped with brown: yellowish dorsal line reaching from the crown to the middle of the wing-cases: wing-cases and wings clouded.

Ruficus. Grey; wing-cases brown at the base spotted with yellow, the tip varied with cinereous and brown.

Inhabits *America*.

Thorax with sometimes a yellow dorsal line and black lateral spots: wings cinereous reticulate with brown.

Lateralis. Thorax brown with a yellow margin and dot each side: shanks yellow.

Inhabits *America*.

Wing-cases and wings brownish: all the hind-shanks yellow.

- Velox.* Thorax flat: body brown: margin of the thorax and legs greenish.
Inhabits *China*; small.
Head with a greenish spot under the eyes: wing-cases brown, pale at the tip.
- * *Biguttulus* Thorax carinate: wing-cases clouded, edged with yellow, with several whitish marks near the tip.
Inhabits *Europe*. *Donovan's Eng. Inf.* iii. tab. 79. fig. 2.
Head and thorax dark brown with whitish lines: body and legs dull ferruginous.
- * *Viridulus.* Thorax cruciate: body above green: margin of the wing-cases whitish.
Inhabits *Europe*. *Schæff. Icon.* tab. 141. fig. 2, 3.
- * *Grossus.* Thighs sanguineous: wing cases greenish: antennæ cylindrical.
Inhabits *Europe*. *Degeer. Inf.* 3. tab. 22. fig. 4. *Grasshopper.*
- Captivus.* Thorax cruciate: body brown: hind-thighs and shanks with a white band.
Inhabits *New Holland*.
Head brown with black lines: thorax brown with a white cross: hind-thighs compressed.
- Apricarius.* Thorax cruciate: antennæ as long as the body.
Inhabits dry plains of *Europe*. *It. Oel.* 157.
- Clavicornis* Greenish with a black lateral band: antennæ clavate.
Inhabits *Surinam*; size of *G. grossus*.
Antennæ ferruginous, the club black compressed and tipped with white: band reaching from the eye through the margin of the wing-cases to the tip.
- * *Rufus.* Brown; abdomen rufous: antennæ subclavate.
Inhabits *Europe*. *Schæff. Icon.* tab. 136. fig. 4, 5.
- Pedestris.* Body flesh-colour, apterous.
Inhabits *Europe*. *Degeer. Ins.* 3. tab. 23. fig. 8, 9.
- Perspicillatus.* Rudiments of the wings with an ocellate black spot: eyes golden.
Inhabits *India*: is probably only the larva of some other species.

- Inubricus.* Wing-cases testaceous: wings red at the base, with a black band.
Inhabits Lombardy. *Scopol. Delic. Insub. 1. tab. 24. fig. B.*
- Nitidulus.* Green; head lucid, yellow.
Inhabits Milan. *Scopol. Delic. Insub. 1. tab. 24. fig. B.*
- Annulatus.* Thorax flattish: front gibbous: wings blueish-black: blue within.
Inhabits America. *Herbst. Arch. 8. tab. 53. fig. 4.*
Antennae yellowish annulate with black: *body* reddish-grey with raised dots: *abdomen* with a few greenish rings.
- Triangularis.* Tawny; scutel and triangular spot on the first segment of the abdomen yellow: wing-cases edged with yellow: wings yellowish.
Inhabits Germany. *Roes. Inf. 2. Gryll. tab. 22. fig. 1, 2.*
- Versicolor.* Varied with green red and yellow: head, antennæ and edges of the wing-cases green: thorax and wing-cases brown.
Inhabits Lombardy. *Sulz. Hist. Inf. tab. 9. fig. 4.*
- Centurio.* Brown spotted with black: wings deep red with black base margin and fine undulate streaks.
Inhabits——*Drury Inf. 2. tab. 41. fig. 3.*
- Cæruleus.* Green; wings blue, cinereous at the tip: thighs yellow-green: thanks deep black.
Inhabits Africa. *Drury Inf. 2. tab. 42. fig. 1.*
- Lunulatus.* Thorax slightly hooded, with 3 raised lines, the sides lunulate.
Inhabits Germany. *Roes. Ins. 2. Gryll. tab. 20. fig. 6, 7.*
- Subcarinatus.* Thorax subcarinate greenish: wings yellowish at the base with a blackish spot at the tip.
Inhabits Siberia. *Lepeck. It. 1. tab. 47. fig. 4.*
- Fuscus.* Brown; wing-cases with 2 white bands.
Inhabits the deserts of Ural. *Lepeck. It. 1. p. 314.*
- Lepechini.* Scutel of the thorax as long as the abdomen with a white line running from the front through the middle of the scutel.
Inhabits Siberia. *Lepeck. It. 2. tal. 10. fig. 17.*

Fuliginosus.

Fuliginosus Back of the thorax triangular: wing-cases brownish-grey: wings footy.

Inhabits *Siberia*. *Pall. It. 2. Append. n. 77.*

Muricatus. Thorax pentagonal: wings yellowish with a brown arch: hind-thighs muricate outwards.

Inhabits the deserts of the *Ural*. *Lepech. It. 1. Append. n. 47.*

Minutus. Thorax subcarinate: wings carmine with a black arch at the tip.

Inhabits the deserts of *Ural*. *Pall. It. 1. App. n. 49.*

Variabilis. Thorax subcarinate: wings reticulate with black; with a black space at the thicker margin, the tip brown hyaline.

Inhabits *Siberia*. *Pall. It. 1. App. n. 52.*

Wings varying to hyaline, whitish, pale or blueish.

Salinus. Thorax subcarinate: wings with a broad black band, the base rosy, the tip hyaline.

Inhabits the salt deserts of *Ural*. *Pall. It. 2. App. n. 78.*

Tibialis. Wing-cases clouded: wings blueish reticulate with brown: thanks whitish, with long spines.

Inhabits near the *Ural*. *Pall. It. 2. App. n. 78. b.*

Barbadensis Wing-cases pale speckled with brown: wings hyaline yellowish, the edge and tip with brown veins and dots.

Inhabits *Siberia*. *Pall. It. 2. App. n. 79. p. 433.*

Numidicus. Thorax carinate: wings very minute and scaly.

Journal de Phys. 1787. Apr. p. 242. tab. 1. fig. 1.

2 Body covered with sanguineous spots.

Inhabits *Numidia*. *Journ. de Phys. 1787. App. p. 244.*

Cinereus. Dotted with brown: thorax subcarinate: wings white.

Inhabits *Denmark*. *Mull. Zool. Dan. p. 100. n. 1138.*

Flavescens. Yellowish; wing-cases brownish, obsoletely spotted: wings reticulate with yellow and black.

Inhabits *Germany*. *Schæff. Icon. tab. 288. fig. 1, 2.*

Rhomboides. Wing-cases cinereous, whitish at the tip, with black rhombic spots.

Inhabits *Germany*. *Schæff. Icon. tab. 288. fig. 6, 7.*

maculatus.

Angulatus. Yellowish: abdomen brown, the segments of the rings angular.

Inhabits Germany. Schæff. Icon. tab. 232. fig. 2. 3.

Rubicundus. Head, thorax and anterior margin of the wing-cases green; the latter with a whitish lunule in the middle: wings cinereous: abdomen behind and legs reddish.

Inhabits Germany. Schæff. Icon. tab. 241. fig. 5, 6.

Pullus. Black-brown: thorax square with a yellowish margin.

Inhabits Germany. Schæff. Icon. tab. 232. fig. 6, 7.

Lineatus. Greenish; line down the thorax and suture of the wing-cases orange.

Inhabits Germany. Schæff. Icon. tab. 243. fig. 3, 4.

Sphæricus. Greenish; wing-cases with 2 white sphaerical spots at the base.

Inhabits Germany. Schæff. Icon. tab. 247. fig. 3, 4.

Rubricollis. Yellowish: thorax red edged with yellow.

Inhabits Germany. Schæff. Icon. tab. 247. fig. 1, 2.

Rosaceus. Variegated; thorax green with a rosy margin.

Inhabits Germany. Schæff. Icon. tab. 252. fig. 1, 2.

Similis. Thorax subcarinate: wings black, the disk and edge red.

Inhabits Germany. Schæff. Icon. tab. 253. fig. 5, 6.

2 Wings spotted at the tip. Schæff. tab. 253. fig. 5, 6.

Purpureus. Wings and wing-cases pale spotted: thorax and 3 first rings of the abdomen purple.

Inhabits Germany. Schæff. Icon. tab. 263. fig. 1, 2.

Flavens. Yellowish; thorax with 2 darker lines.

Inhabits Germany. Schæff. Icon. tab. 264. fig. 4, 5.

Viridis. Green with a yellowish patch here and there.

Inhabits Germany. Schæff. Icon. tab. 265. fig. 1, 2.

6-maculatus. Brownish; wings yellowish with 6 brown spots placed in a line.

Inhabits Germany. Schæff. Icon. tab. 265. fig. 4, 5.

Maculosus.

- Maculosus*. Wing-cases spotted: wings rosy, pale ash at the tip.
Inhabits Germany. Schæff. Icon. tab. 267. fig. 1, 2.
- Polystrictus*. Brownish with scattered pale dots: wings reddish, the tip and tail blackish
Inhabits Germany. Schæff. Icon. tab. 267. fig. 4, 5.
- Limbatus*. Green; wing-cases rufous at the tip and outer margin,
Inhabits Europe. Degeer. Ins. 3 p. 481. n. 8.
- Pratensis*. Green; wing-cases tipped with black: antennæ half as long as the body.
Inhabits Europe. Degeer. Ins. 3. p. 481. n. 9.
- Albipes*. Thorax crested, with a quadruple segment: wing-cases dull greenish; wings violet: hind-thighs spotted with white.
Inhabits Surinam. Degeer. Ins. 3. tab. 40. fig. 7.
- Rosceus*. Green; antennæ yellow: half the wings and hind-shanks rosy.
Inhabits China. Degeer. Ins. 3. tab. 41. fig. 1.
- Sanguinolentus*. Head spotted with yellow, red and black: thorax yellow: wing-cases green: shanks spotted with red.
Inhabits—Degeer. Ins. 3. tab. 40. fig. 9.
- Denticulatus*. Green; thorax boat-shaped carinate and toothed: head pointed, with 2 grey stripes.
Inhabits Surinam. Degeer. Ins. 3. tab. 42. fig. 2.
- Dentatus*. Brown, clouded: thorax boat-shaped, rugged; the kee smooth: hind-thighs denticulate: head ovate.
Inhabits India. Degeer. Ins. 3. tab. 42. fig. 3.
- Chloropterus*. Brown; wings green: thorax rounded smooth: hind-thighs with a yellow line.
Inhabits Surinam. Degeer. Ins. 3. tab. 42. fig. 4.
- Erythropus*. Grey-brown: hind-thighs beneath red, within yellowish spotted with black: hind-shanks red.
Inhabits Pennsylvania. Degeer. Ins. 3. tab. 42. fig. 5.

- Chrysomelas* Green; thorax carinate: wing-cases brown, the inner edge green: wings black, yellow at the base.
Inhabits *Pensylvania*. Degeer. *Inf.* 3. tab. 42. fig. 6.
- Varius*. Dull green: wings blue: body with yellow bands and spots: thighs sanguineous at the base.
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 8.
- Longipennis* Yellow-green: wing-cases twice as long as the abdomen: head and thorax with 2 black bands.
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 9.
- Acutus*. Thorax black with a yellow-green spot: wing-cases brown with a green spot: hind-thighs with 3 black bands,
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 10.
- Chalcops*. Grey-brown: thorax with 2 black bands: wing-cases with a grey one: hind-thighs within and shanks sanguineous.
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 11.
- Sticticus*. Grey-brown: wing-cases with black punctured lines.
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 12.
- Hamatus*. Scutel longer than the abdomen, hooked on the fore-part: antennæ as long as the abdomen: wings black, without cases.
Inhabits *Surinam*. Degeer. *Inf.* 3. tab. 42. fig. 13.
- Rugosus*. Apterous; green varied with cinereous: head vesicular: front with 2 indented ridges and a lesser denticulate ridge each side: crown impressed, the margin raised, toothed: thorax spinous, the crest raised, compressed, with indented ridges.
Inhabits out of *Europe*. *Mus. Lesk.* p. 48. n. 39
Body sometimes cinereous varied with brown: segments of the abdomen with a brown spot each side, 2 teeth each side and a toothed crest.
- Lunaris*. Thorax carinate: wings rufous at the base; with a brown lunule in the middle anterior margin and 3 spots near the tip at the hind margin: hind-shanks white with black spines.
Inhabits——*Mus. Lesk.* p. 48. n. 49.

- Flavipes.* Thorax above and wing-cases chestnut-brown; the anterior margin green-yellow: hind-thighs beneath sanguineous and thanks yellow.
Inhabits Europe. *Mus. Lesk. p. 49. n. 50.*
- Griseus.* Thorax cruciate, above brown: wing-cases grey-brown clouded: 4 fore-legs grey-brown, spotted.
Inhabits Europe. *Mus. Lesk. p. 49. n. 51.*
- Cruciger.* Thorax green with a white cross: wing-cases green on the back, brown tip with white, the edge inflected.
Inhabit Europe. *Mus. Lesk. p. 49. n. 52.*
- Nubilus.* Thorax carinate, green with a broken white line each side: wing-cases clouded with brown, above green.
Inhabits Europe. *Mus. Lesk. p. 49. n. 53.*
- Virens.* Green; thorax cruciate: antennæ longer than the body.
Inhabits Europe. *Mus. Lesk. p. 49. n. 56.*
- Venosus.* Thorax cruciate, rufous: wing-cases hyaline with rufous veins.
2. *Wing-cases* with 6 brown spots. *Mus. Lesk. n. 59.*
Inhabits Europe. *Mus. Lesk. p. 49. n. 58.*
- Bicolor.* Grey, apterous: hind-thighs rufous beneath.
Inhabits Europe. *Mus. Lesk. p. 49. n. 60. b.*
- Distinctus.* Apterous, green: female greenish on the back: male with the hind-thighs greenish.
Inhabits Europe. *Mus. Lesk. p. 49. n. 61. c.*

61. FULGORA. Head hollow, inflated, extended forward: antennæ short, seated beneath the eyes; consisting of 2 joints, the outer one larger and globular: snout elongated, inflected, 4-jointed: legs formed for walking. *Lanthorn-fly.*

Lanternaria Front extended, straight: wing-cases variegated: wings with each a large ocellate spot.

Naturalist's, Miscel. 1. tab. 37. Stoll. Cicad. tab. 1. fig. 1.

Inhabits *South America*, and emits so strong a phosphoric light from the hollow part of the head, that travellers are said to be directed on their journey, by fixing one or two of them to the end of a stick.

Serrata. Front extended, ascending, ferrate 4 ways.

Inhabits *Surinam.* *Stoll. Cicad. tab. 29. fig. 270.*

Front with 4 rows of strong sharp teeth: wing-cases brown: wings ocellate at the tip.

Diadema. Front extended, muricate, trifid at the tip: wings black edged with red.

Inhabits *India.* *Stoll. Cicad. tab. 5. fig. 22.*

Candelaria. Front extended, ascending: wing-cases green spotted with yellow: wings yellow tip with black.

Inhabits *China.* *Roefs. Inf. 2. Gryll. 189. tab. 30.*

Head and front red: wing-cases barred with yellow.

Phosphorea Front subulate, extended, ascending: body grey glaucous.

Inhabits *Surinam.* *Degeer. Ins. 3. tab. 33. fig. 2.*

Noctivida. Front extended, ascending, pointed: body green: wings hyaline.

Inhabits *Surinam.* *Degeer. Ins. 3. tab. 32. fig. 4.*

Lucernea. Front extended: body above greenish, beneath yellow.

Inhabits *Surinam.* *Degeer. Inf. 3. tab. 32. fig. 6.*

Flammea. Front extended, ascending, round, truncate.

Inhabits *South America.* *Stoll. Cicad. tab. 2. fig. 7.*

Tenebrosa. Front extended, straight, truncate: wing-cases rough grey.

Inhabits *Guinea.* *Degeer. Inf. 3. tab. 32. fig. 1.*

Head brown: front straight, round, rufous and truncate: thorax and wing-cases rough with raised brown dots: wings dusky.

Obscurata. Front extended, straight, truncate: wing-cases cinereous spotted with black.

Inhabits *New Holland.* *Stoll. Cicad. 1. tab. 6. fig. 28.*

Snout as long as the body, black with a white base, and marked with white dots and 2 white bands: front obliquely truncate: thorax brown: wings white: legs varied with white and black.

Adscendens. Front extended, subulate, ascending: wing-cases rusty-brown dotted with white.

Inhabits *Cayenne*; small.

Snout above black, beneath yellow: *head* beneath yellow with 2 oblique black streaks, a black dorsal line above: *wings* hyaline: *body* yellow: border of the *abdomen* black on the back.

Fasciata. Front extended, ascending: wing-cases rusty-brown with 2 green bands and a green dot behind

Inhabits *Cayenne*; size of the former one.

Head conic grooved, yellow with a brown back: *thorax* brown: *body* yellow: *abdomen* rufous above.

Truncata. Front somewhat obtuse: wings green truncate.

Inhabits *India*.

Plana. Front extended, flat, yellowish; *thorax* and wing-cases ferruginous.

Inhabits *Cayenne*; small.

Head with a groove beneath: fore-edge of the *thorax* yellow: *wing-cases* hyaline at the tip: *body* yellow: *abdomen* ferruginous above.

Pallipes. Front extended, flat; wing-cases green, hyaline at the tip.

Inhabits *Cayenne*; size of the last.

Head black with a whitish edge all round: *thorax* greenish with a black blotch on the fore-part: *wing-cases* a little yellowish at the base, with a streak of black spots before the tip: *abdomen* above fulvous, black at the tip, beneath yellow: *wings* hyaline: *legs* pale.

Folium. Front extended, short, straight: body yellow-green: wings very large, vertical, compressed.

Inhabits *America*. Degeer. *Inf.* 3. tab. 32. fig. 7.

Hyalinata. Front conic, unequal: wing-cases hyaline, with a black streak.

Inhabits *Bengal*; larger than *F. obscurata*.

Front short, conic, unequal above, grooved beneath, pale with black streaks and specks: *eyes* large, white globular: *thorax* pale speckled with black: *wings* hyaline with a black spot at the tip.

Festiva.

- Festiva.* Front conic : wing-cases brown, the outer margin greenish, with black and fulvous dots : wings red at the base.
Inhabits *Coromandel*.
Head above flat brown, beneath yellowish edged with black : *thorax* brown : *wings* sanguineous tips with brown.
- * *Europæa.* Front conic : body green : wings hyaline, reticulate.
Inhabits *Europe*. *Donovan's English. Inf. vi. plate 203.*
- Minuta.* Front conic : head and thorax yellow with a whitish dorsal line : wing-cases whitish.
Inhabits *Saxony* ; small, *Antennæ* thicker upwards.
- Limbata.* Brown ; wing-cases hyaline, with 2 brown spots on the disk and many on the border, the nerves punctured.
Inhabits *Saxony*. size of the last.
Antennæ short thick setaceous at the tip : *wing-cases* longer than the body : *wings* hyaline immaculate.
- Pellucida.* Brown ; wing-cases white hyaline, immaculate.
Inhabits *Saxony* ; size of *F. europæa* : *legs* testaceous.
- Flavescens.* Yellowish ; wing-cases white hyaline, immaculate.
Inhabits *Saxony* : small. *Antennæ* thick, setaceous.
- Striata.* Yellowish ; head black striate : wing-cases yellowish hyaline, immaculate.
Inhabits *Saxony* : size of the last.
Head striate with black and yellow : *abdomen* beneath black at the base.
- Marginata.* Black ; head with yellowish streaks : fore-edge of the thorax and legs yellowish : wing-cases yellow hyaline.
Inhabits *Saxony* ; size of the last.
Antennæ dusky, thick : *head* black with 3 yellowish streaks.
These 5 last small species are probably not of this Genus, as they differ in their habit and the shape of the antennæ.

62. CICADA. Snout inflected: antennæ setaceous: the 4 wings membranaceous and deflected: legs (in most) formed for leaping.

These Insects live on various plants : the larva is apterous ; the pupa furnished with the mere rudiments of wings : both of them 6-footed and active : the male of the perfect insect chirps like the cricket.

A. Antennæ.

A. *Antennæ subulate, inserted on the front.* Membracis.

- Inflata.* Thorax foliaceous; the membrane inflated, testaceous, reticulate.
Inhabits *Gayenne*: size of *C. foliata*.
Membrane of the *thorax* large pellucid, with 7 black dots each side: *body* yellowish: *upper-wings* hyaline, darker on the thinner margin.
- Rhombea.* Thorax foliaceous; the membrane rhombic, broader behind.
Inhabits *America*, *Phil. Trans.* 1765. tab. 6.
Membrane of the *thorax* brownish with 2 obsolete subdiaphanous spots on the disk.
- Frondita.* Thorax foliaceous, the back sinuate, the tip projecting and very obtuse.
Inhabits *South America*. *Stoll. Cicad.* 1. tab. 6. fig. 3. A. B. C.
- Foliata.* Thorax foliaceous, rounded, yellow with a black band and spot.
Inhabits *Surinam*. *Stoll. Cicad.* 1. tab. 1. fig. 2.
- Lunata.* Thorax foliaceous, rounded, black with 3 white lunules.
Inhabits *Cayenne*. *Stoll. Cicad.* 1. tab. 5. fig. 24.
Body black: membrane of the *thorax* large, compressed rounded.
- Fasciata.* Thorax foliaceous, rounded, black with 2 bands, the fore-one fulvous, the hind-one white.
Inhabits *Cayenne*; size of the former ones.
Membrane of the *thorax* elevated compressed pointed behind: *body* black: *hind-shanks* ferrate.
- Bracteata.* Thorax foliaceous, green, immaculate.
Inhabits *Cayenne*; small.
Membrane of the *thorax* elevated, compressed, obtuse before, acute behind: *body* yellowish: *wings* hyaline immaculate.
- Squamigera.* Thorax foliaceous, acute before and behind, grey.
Inhabits *South America*. *Degeer. Inf.* 3. tab. 32. fig. 17. 18.
Body entirely green.
- Arcuata.* Thorax compressed, before with a yellowish arch: *body* black-brown.
Inhabits *Surinam*. *Degeer. Inf.* 3. tab. 32. fig. 10.

Fusca.

- Fusca.* Thorax compressed before : body entirely brown.
Inhabits *Surinam*. *Degeer. Inf. 3. tab. 32. fig. 14.*
- Gibbosa.* Thorax carinate, gibbous, obtuse, before, acute behind : upper wings yellow-livid : legs fulvous.
Inhabits *America*. *Degeer. Inf. 3. tab. 32. fig. 20. 21.*
- Planata.* Thorax flat, lengthened at each end and acute : body greenish.
Inhabits *East India*, larger than *C. aurita*.
- Crux.* Thorax cruciform, covering the whole body.
Inhabits *India*. *Mus. Lud. Ulr. 154.*
- Hastata.* Horn of the thorax projecting above the head, compressed, carinate : body grey.
Inhabits *South America* ; small.
Thorax very much projecting before, truncate at the tip, as long as the body behind.
- Lanceolata.* Horn of the thorax projecting above the head, incurved : body black with 2 white dorsal spots.
Inhabits *Cayenne* : fore-shanks very much compressed.
- 2-pustulata.* Horn of the thorax extending beyond the head, compressed, brown with a yellow marginal spot each side.
Inhabits *America*. *Membracis 2-maculata. Fabricius.*
Head yellowish with brown marks : *thorax* sharp behind, as long as the wings : *body* brown : *legs* pale.
- *Aurita.* Thorax with 2 obtuse roundish horns : shield of the head dilated and rounded on the fore-part.
Inhabits *Europe*. *Schæff. Icon. tab. 96. fig. 3.*
- Flexuosa.* Thorax blue, 2-horned, the horns depressed black.
Inhabits *East India*; larger than *C. bicornis*.
Thorax punctured, with a strong sharp horn, each side a little flexuous, lengthened behind into a spine longer than the abdomen : wings black with a whitish spot on the thinner margin : *body* black.
- Marginata.* Thorax 2-horned, longer than the abdomen behind, black edged with yellowish.
Inhabits *China*. *Stoll. Cicad. 1. tab. 11. fig. 53. B.*
Horns of the *thorax* arched : wings brown.

Horrida.

- Horrida.* Thorax 2-horned, lengthened behind, with 2 large raised globular tubercles, the tip 3-spined.
Inhabits *Cayenne*; middle sized.
Head black with 3 yellow lines: *thorax* gibbous before, 3-spined behind, the spines sharp and white before the tip: *upper-wings* dull hyaline: *legs* piceous.
- Brasiliana* Thorax 2-horned, dotted with white, longer than the abdomen behind.
Inhabits *Brasil*. *Membracis punctata*. *Fabricius*.
Head ferruginous dotted with white: *shield* acute tipped with black: *thorax* punctured, ferruginous speckled with white, the *horns* erect compressed triangular obtuse, ferruginous dotted with white, the angles black: *thorax* nearly twice as long as the abdomen with a black keel: *wings* rusty-brown: *legs* brown: *shanks* ferruginous.
- **Cornuta.* Thorax 2-horned brown, subulate behind and nearly as long as the abdomen: wings brown.
Inhabits *Europe*. *Donovan's. English. Inf. iii. tab. 73.*
Thorax slightly carinate: *upper-wings* reticulate.
- Bubalus.* Thorax 2-horned, as long as the abdomen: body greenish: head and abdomen fulvous: wings hyaline.
Inhabits *North America*; size of *C. cornuta*.
- Taurus.* Thorax 2-horned, brown, behind filiform and as long as the abdomen: horns arched.
Inhabits *East India*; a little less than *C. cornuta*.
Head brown: *eyes* chestnut with a white dot before them: *sides* of the *breast* snowy: *wings* dusky: *body* brown.
- Vitulus.* Thorax 2-horned, green with a white curve and line, subulate behind and as long as the body: wings white.
Inhabits *America*; size of *C. cornuta*.
Head yellowish: *eyes* brown: *thorax* green with minute white specks, the *horns* yellowish.
- Benasia.* Thorax 2-horned, lengthened behind and edged with white: wings with a white spot at the base.
Inhabits *America*; less than *C. cornuta*.
Thorax black with 2 obsolete rufous spots before: *wings* brown.
- Spinosa.* Thorax 3-horned, as long as the wings behind.
Inhabits *India*. *Stoll. Cicad. tab. 21. fig. 116.*
Thorax with an obtuse spine each side and a longer one in the middle, testaceous with 3 sanguineous lines.

Acuminata.

Acuminata. Thorax 3-horned, the middle one longer and compressed.

Inhabits *Pennsylvania*.

Head greenish: *thorax* greenish, striate behind and as long as the wings: *wings* whitish tip with brown.

Trifida. Thorax 4-horned, hairy, lengthened and trifid behind, the divisions subulate.

Inhabits *Cayenne*; size of *C. taurus*.

Head black with a white line down the middle: *thorax* black with a white line down the middle and an interrupted lateral one; in the fore-part are 2 long curved horns and shorter erect ones behind: *upper-wings* white hyaline with a brown band in the middle in which is a hyaline dot: *abdomen* scarlet, the tip black.

Clavata. Thorax 4-horned, lengthened behind and trifid, the lateral division with an ovate tubercle near the tip.

Inhabits *Cayenne*; small.

Head black: *mouth* yellowish: *thorax* with 2 curved horns at the end and 2 shorter behind: *wings* white hyaline: *abdomen* pale, darker at the tip: *legs* yellowish.

Binotata. Thorax nearly unarmed lengthened behind and shorter than the abdomen: *upper-wings* with a black spot at the base.

Inhabits *New Holland*; small, testaceous.

Convoluta. Thorax unarmed, smooth, greenish edged with yellow, longer than the abdomen behind.

Inhabits *Brazil*; middle-sized.

Head yellow: *thorax* covering the wings and abdomen, greenish, the fore and lateral edge yellowish, the tip sharp black.

Mutica. Thorax unarmed, ferruginous, carinate behind and as long as the abdomen

Inhabits *North America*; size of the former ones.

Body obtuse ferruginous: *thorax* with 3 obsolete cinereous lines, carinate: *upper-wings* dusky immaculate: *legs* ferruginous.

Inermis. Thorax unarmed, greenish, behind subulate and as long as the body.

Inhabits *North America*; size of *C. bicornis*.

Head deflected fulvous: *lip* pointed: *thorax* obtuse, carinate and very sharp behind: *wings* white: *abdomen* fulvous.

- * *Genistæ*. Thorax unarmed, brown; about half as long as the abdomen behind.

Inhabits *England*, on the *Genista tinctoria*.

Not half the size of *C. cornuta*. Head deflected pointed: thorax obtuse: wings white: abdomen black with whitish incisures.

B. Legs not formed for leaping. Tettigonia.

- Grossa*. Thorax green with a few small black lines: wings white, the under ones with a yellow spot at the base.

Inhabits *Brazil*: very large.

Snout grey-brown tip with black: front transversely grooved: scutellum emarginate: upper-wings white with black veins and ribs, the inner margin black at the base: abdomen brown, the edges of the segments elate: tail pointed: legs grey tip with black.

- Javanica*. Head and thorax black with rufous spots: upper-wings black with an abbreviated white band.

Inhabits *Java*. Stoll. Cicad. 1. tab. 4. fig. 16. Large.

Head black with 2 red lunules: under-wings black immaculate: abdomen chestnut-brown.

- Grisea*. Grey; upper-wings water-colour, the hind-margin dotted with black, the rib white on the fore-part.

Inhabits *America*.

Body grey or varied with cinereous and brown: fore-thighs with a brown ring: shanks brown at the base and tip.

- Limbata*. Thorax dilated at the margin and acute: under wings black edged with white.

Inhabits *America*. Stoll. Cicad. 1. tab. 12. fig. 57. Large.

Head greenish: front grooved: thorax rounded green: scutellum obtuse: abdomen above brown: upper-wings greenish, hyaline at the tip with brown spots.

- Dilatata*. Thorax dilated at the margin: body black: under wings whitish.

Inhabits *Jamaica*; less than the last.

Upper-wings cinereous with a brown rib and 2 brown spots.

- 2-spinosa*. Brown; thorax with a spine each side: upper-wings dusky with a black streak composed of spots.

Inhabits *Sumatra*: large, brown.

Abdominal scales nearly as long as the body, oblong-ovate, testaceous, with a strong incumbent spine at the base: wings dusky with black nerves.

Vaginata.

- Vaginata.* Testaceous; upper-wings whitish with a black rib.
Inhabits *Sumatra*; large.
Abdominal *scales* nearly as long as the body, ovate, vaulted, testaceous, with a sharp incumbent spine at the base.
- Tibicen.* Scutellum emarginate: wings with a greenish rib.
Inhabits *America*. Brown's *Jamaica*: *tab.* 43. *fig.* 15.
Thorax black, or black varied with chestnut
- Septendecem.* Black; upper wings white with a yellowish rib.
Inhabits *America*. *Philos. Transf.* 1756. *tab.* 8.
Abdominal *scales* short ovate.
- Variata.* Black; thorax variegated with testaceous: upper wings hyaline with 2 black dots.
Inhabits *Carolina*; size of the last.
Thorax with a lateral snowy line: *body* beneath pale.
- Catena.* Thorax variegated: upper-wings hyaline with punctured nerves on the fore-part, and 2 waved brown streaks behind.
Inhabits the *Cape of good hope*.
Head black with a yellow ocular spot each side and a single vertical one: *thorax* black with 5 oblique lines and hind-margin yellow: *scutellum* with yellow margin and 2 dots behind: *abdomen* white with black dorsal spots: *legs* black: *fore-thighs* with a red line each side.
- Maculata.* Black; thorax and wings spotted with yellow.
Inhabits *China*. *Drury. Inf.* 2. *tab.* 37. *fig.* 1.
- Cantans.* Head and thorax black: under-wings white at the base.
Inhabits *Barbary*; small.
Abdomen above black, beneath testaceous, the *scales* large white: *upper-wings* hyaline, the rib testaceous, with a marginal transverse brown spot: *lower-wings* hyaline, the base and small central spot white: *legs* testaceous spotted with black.
- Æfluans.* Black: thorax with 2 pale spots: sides of the abdomen beneath pale.
Inhabits *Barbary*; half the size of the last.
Upper-wings hyaline, under whitish at the base: *scales* large ovate pale: *legs* black with testaceous spots.

Pustulata. Black ; head and thorax spotted with red : upper-wings with darker bands at the base, the veins testaceous.

Inhabits *South America* ; large.

Head with 3 red frontal spots : fore-edge and sides of the *thorax* spotted with red : *abdomen* black, the edges of the segments with 2 testaceous spots ; *tail* testaceous : *thighs* with a testaceous spot.

Stridula. Villous ; upper wings grey, under ones yellow, and all hyaline at the margin.

Inhabits the *Cape of good hope*. *Stoll. Cicad. 1. tab. 3. fig. 15.*

Thorax and *scutel* greenish varied with black : *upper-wings* with 7 oblong hyaline spots surrounded with a brown ring.

Villosa. Thorax varied with brown and green : breast white villous. Inhabits the *Cape* ; smaller.

Front green with black streaks each side : *thorax* green varied with black : *breast* covered with white wool : *scutel* black with 4 yellow lines : *abdomen* green : *under-wings* hyaline with black nerves and a white dot or two.

Cingulata. Thorax spotted : upper-wings hyaline with a brown spot and rib : abdomen black with yellow bands.

Inhabits *New Zealand*.

Margin of the *thorax* emarginate : *scutel* black with 2 yellowish dorsal lines, the edge yellowish with a large black dot : *abdomen* with 4 lines of yellow dots beneath, the edges of the segments above yellow : abdominal *scales* pale : *legs* varied with yellow and black.

Cruentata. Thorax variegated : upper-wings hyaline with a yellowish rib : abdomen black with sanguineous bands

Inhabits *New Zealand* : small.

Head yellowish with a black dot : *crown* black with a yellow dot : *thorax* ferruginous with a yellow line, 4 oblique black lines and 2 dots at the base : *abdomen* beneath sanguineous with silvery down : *upper-wings* sanguineous at the tip : abdominal *scales* ovate yellow.

Conspurcata Black, upper-wings spotted with yellow at the base : tail yellow.

Inhabits *India* ; small : under-wings black.

Hæmatodes Black ; incisures of the abdomen and nerves of the wings sanguineous.

Inhabits *Europe*. *Stoll. Cicad. tab. 2. fig. 11.*

Thorax with a double red spot each side : nerves of the wings sanguineous beyond the middle.

Plebeja.

- Plebeja*. Scuted 2-spined at the tip: upper wings with 4 anastomoses and 6 ferruginous lines.
Inhabits *Africa* and *Italy*. *Naturalist's Miscell.* plate 110.
This and the next species are the *Cicada* of the Roman Poets: during the hottest part of the day, in summer, they sit among the leaves of trees and make a continual shrill chirping.
- Orni*. Upper wings with 6 concatenate dots within the margin, the inner anastomoses brown.
Inhabits *Southern Europe*. *Schæff. Icon. tab. 6. fig. 14.*
Body black with 3 yellow spots between the eyes: *crown* with 3 rufous stemmata: *thorax* black with a yellow band in the middle and a few spots: *scutel* emarginate at the tip, yellow with a black line in the middle: *abdomen* black, beneath yellow: *under-wings* white, the base yellow with a double black spot.
- Repanda*. Upper wings with a flexuous line, under ones hyaline at the margin.
Inhabits *India*. *Degeer. Ins. 3. tab. 33. fig. 1.*
- Kæmpferi*. Upper wings brown with hyaline bands: under ones black with a hyaline margin.
Inhabits *Japan*; middle-sized.
Head and *thorax* green spotted with black: *scutel* deep black with a large lobate testaceous spot, a black line in the middle and dot each side.
- Reticulata*. Grey; thorax with a white line: upper wings reticulate with white.
Inhabits *South America*. *Degeer. Ins. 3. tab. 23. fig. 15, 16.*
- Picic*. Thorax black with testaceous spots: upper wings with white veins at the base, the rib black.
Inhabits *Provence*; middle-sized.
Head black with a fulvous spot each side covering the antennæ: *thorax* subvillous: *scutel* edged with testaceous: *abdomen* black, the edges of the segments sanguineous: beneath testaceous: *legs* testaceous.
- Atrata*. Black; wings white, black at the base with testaceous veins.
Inhabits *China*. Margin of the abdomen testaceous.
- Testacea*. Black; abdomen sanguineous: all the wings testaceous with black veins.
Inhabits *Tranquebar*. *Stoll. Cicad. 1. tab. 8. fig. 41. C.*

Flaves cens.

Flavescens. Yellowish-green; hind-shanks 1-toothed.

Inhabits *Guinea*; size of *C. sanguinolenta*.

Head yellowish with a black dot or two: *fore-thighs* and *shanks* with a black ring: *hind shanks* with a strong tooth in the middle and numerous small black ones at the end.

Olivacea. Olive; head palish with a transverse black spot on the snout and one on the crown: hind-shanks 1-toothed.

Inhabits *Guinea*; small.

Head channelled beneath: *legs* pale.

Sanguinea. Black; mouth, 2 spots on the thorax and abdomen sanguineous.

Inhabits *China*. *Stoll. Cicad. tab. 13. fig. 62.*

All the *wings* brown immaculate: *legs* blackish.

Splendidula Upper wings gold-brown: fore-shanks thickened, toothed, rufous:

Inhabits *China*; small.

Head black: *eyes* pale: *thorax* with 2 round black spots: *scutel* black with a pale edge: *abdomen* red: *upper-wings* brown with a rich gold splendor: *hind thighs* rufous.

Ephemera. Upper wings hyaline spotted with brown.

Inhabits *Surinam*. *Stoll. Cicad. tab. 1. fig. 4.*

Body whitish: *under-wings* reticulate with brown.

Minuta. Upper wings hyaline with a sanguineous rib: abdomen with a dorsal sanguineous line.

Inhabits *New Zealand*; small.

Body sometimes greenish, sometimes reddish: *thorax* with a yellowish line: *scutel* with 2 impressed dots behind: *under-wings* hyaline: *abdominal scales* very short with a sharp spine at the base.

Violacea. Violet; all the wings tipped with brown.

Inhabits *Southern Europe*: small.

Upper wings ferruginous at the base, under ones pale:

Minor. Livid; thorax with a yellowish dorsal line: upper wings with yellowish nerves.

Inhabits—*Tettigonia Minuta*. *Fabricius*. very small.

Head yellowish between the eyes with 2 black streaks the hind-one waved: *thorax* with 2 small black spots each side: *scutel* edged with yellow: *under-wings* white: *hind-shanks* with 3 black rings.

Querula.

- Querula*. Head and thorax grey with black characters and spots.
Inhabits near the *Ural*. *Pall. It. 2. App. n. 83.*
- Prašina*. Pale green: thorax with brown gilt spots.
Inhabits the deserts near the *Ural*. *Pall. It. 2. App. n. 84.*
- Marginella*. Pale; black between the thorax and wings with a white pointed spot: thorax margined.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 116. n. 342.*
- Graminis*. Upper wings whitish, with 3 lines and 12 ocellate spots.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 116. n. 343.*
- Notata*. Pale yellowish: upper wings whitish dotted with black.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 117. n. 344..*
- Montana*. Segments of the abdomen reddish at the edge.
Inhabits mountains of *Carniola*. *Scopol. Ann. Hist. 5. p. 109. n. 108.*
- Schæfferi*. Yellowish-brown; all the wings reticulate with yellow.
Inhabits *Germany*. *Schæff. Icon. 2. tab. 121. fig. 1, 2.*

C. Antennæ filiform, inserted under the eyes.

a. Lip abbreviated, truncate, emarginate. Cercopis.

- Afra*. Upper wings grey-brown with a marginal fulvous and cinereous spot.
Inhabits *Africa*; very large. *Cercopis grossa. Fabricius.*
Head pale with a few black spots at the base: *thorax* pale before with black dots, behind brown and emarginate: *under-wings* whitish spotted with brown: *abdomen* brown: *tail* black above.
- Atra*. Black; upper wings with a sanguineous marginal fillet each side.
Inhabits *America*. *Cercopis marginata. Fabricius.*
Head with a sanguineous frontal spot: *thorax* with a sanguineous margin and line in the middle: *scutel* triangular with a red line in the middle: *tail* sanguineous: *legs* red, the joints black.
- Maculosa*. Thorax black with a fulvous band: upper-wings fulvous spotted and tip with black.
Inhabits *Africa*. *Cercopis maculata. Fabricius.*
Head black, fulvous at the tip: *abdomen* above red, beneath black.

Coccinea

- Coccinea.* Red, immaculate: hind-shanks 1-toothed.
 Inhabits *South American Islands*.
Under-wings whitish tipt with brown: *hind-shanks* with a strong sharp tooth before the tip.
- Cruentata.* Sanguineous; upper wings with 2 obsolete brown spots.
 Inhabits *Senegal*. *Cercopis rubra*. *Fabricius*.
Thorax with 2 impressed dots before: *under-wings* white hyaline.
- * *Sanguinolenta.* Black; upper wings with red spots and a red band.
 Inhabits *Europe*. *Donovan's English Inf.* ii. plate 54, fig. 1.
- Analis.* Black; upper wings red with a whitish spot at the angle of the tail.
 Inhabits the *Cape of good hope*; size of the last.
 Suture of the *upper-wings* black.
- Obscura.* Deep black; upper wings paler.
 Inhabits *Guinea*; middle-sized.
Upper-wings with a slight mixture of rufous.
- Schach.* Black; upper wings brown with an interrupted sanguineous band.
 Inhabits *North America*.
Scutel edged with red: *upper-wings* with a red dot at the base, lower ones hyaline: base of the *abdomen* sanguineous.
- Rubra.* Rufous; upper-wings black with 2 rufous bands.
 Inhabits *Surinam*. *Stoll. Cicad. tab. 2. fig. 10. C.*
Scutel triangular, black tipt with yellow: *upper-wings* rounded.
- Versicolor.* Glossy-black; upper wings with 2 white spots at the base and a single rufous one in the middle.
 Inhabits *Tranquebar*: size of the last.
Under-wings hyaline: *body* deep black.
- Nigra.* Glossy-black: wings whitish.
 Inhabits *Europe*. *Cercopis atra*. *Fabricius. n. 12.*
- Virens.* Green; upper wings hyaline at the outer margin.
 Inhabits *America*; small. *Cercopis viridis. Fabr. n. 13.*

- Nebula*. Yellowish; upper wings brown with an oblique yellowish band and 2 blotches.
Inhabits *India*. *Cercopis nebulosa*. *Fabricius* n. 14.
Thorax with brown lines behind: *scutel* brown with 2 yellowish lines.
- Carnifex*. Sanguineous: thorax with a black spot: upper wings with 2 black bands.
Inhabits *New Holland*.
Head gibbous: *antennae* black: *scutel* red: *legs* brown.
- Varia*. Head and thorax greenish: upper wings brown with 2 yellow spots at the base and line behind.
Inhabits *Cayenne*.
Body black: *abdomen* rufous edged with black.
- fasciata*. Yellow with 4 brown bands.
Inhabits *Surinam*. *Degeer*. *Ins.* 3. *tab.* 33. *fig.* 11.
The first band is across the base of the head.
- Spumaria*. Brown; upper wings with 2 whitish lateral spots.
Inhabits *Europe*. *Donovan's Eng. Ins.* ii. *tab.* 54. *fig.* 2.
The *larvæ* and *pupæ* of this and some others of the genus discharge a frothy matter from numerous pores about the tail, in which they are completely inclosed: this is frequently found in summer upon various plants, and is commonly known by the name of *Cuckow-spit*: the perfect insect, when attempted to be caught, will sometimes spring to the distance of 2 or 3 yards.
- urea*. Cinereous with a glossy gold hue, immaculate.
Inhabits *Cayenne*. *Cercopis aurata*. *Fabricius*. n. 19.
- marginellæ*. Black; head, thorax and margin of the upper wings white.
Inhabits *Germany*. *Cercopis marginella*. *Fabric.* n. 20.
Thorax with 2 small ferruginous dots: *abdomen* black edged with white: *legs* black spotted with white.
- Leucopalma*. Black; eyes white.
Inhabits *Northern Europe*.
- Leucocephala*. Black; head and base of the thorax yellowish.
Inhabits *Northern parts of Europe*.

- * *Striata*. Black; head with yellow bands: upper wings with oblique black lines.
Inhabits *Europe*. *Donovan's Eng. Inf.* viii. tab. 288. fig. 2.
- Lineata*. Yellowish; upper wings with 3 black streaks.
Inhabits *Germany*; middle-sized.
Head and *thorax* yellowish, with a black line running down the the future of the wings and forming one of the streaks.
- Cinerea*. Body above cinereous with a black fillet.
Inhabits *Paris*; small: *body* black. *Cercopis vittata*, *Fabricius*.
- Coleoptrata*. Upper wings entirely coriaceous and covering the under ones, grey with a brown dot in the middle.
Inhabits *Germany*. *Panz. Fn. Germ.* 2. tab. 11.
Head grooved grey: *upper-wings* striate and reticulate with nerves: *under ones* black.
- Angulata*. Black; paler above: upper wings with a brown line at the base and 2 streaks which meet at the outer margin.
Inhabits *Sweden*: small.
Head and *thorax* cinereous with a common black spot in the middle: *hind-thighs* pale at the base.
- Præusta*. Cinereous; scutell black at the base: upper wings tipped with brown:
Inhabits *Sweden*; small.
Abdomen rufous edged with black: *legs* yellowish.
- Immaculata*. Dusky, immaculate: upper-wings striate.
Inhabits *Italy*; very much resembles the last.
- Barbarica*. Brown; upper wings coriaceous, pellucid; under ones o.
Inhabits *Barbary*. *Cercopis aptera*. *Fabricius*.
Head and *thorax* with scarcely distinct yellow blotches: *abdomen* black: *upper-wings* vaulted, longer than the abdomen, yellowish at the margin.
- Grylloides*. Yellowish; upper wings coriaceous varied with brown; under wings o.
Inhabits *Italy*; size of the last.
Upper-wings thick nervous vaulted, varied with pale and brown.

- Pedestris*. Upper wings coriaceous, abbreviated, cinereous: tail ending in numerous black bristles: under-wings o.
Inhabits *Italy*; small.
Upper-wings broad, half as long as the abdomen united in the middle and channelled: *legs* pale: *tail* with black tufted bristles half as long as the body.
- * *Ruflica*. Grey, immaculate: under wings white.
Inhabits plants of *Europe*.
- Gibba*. Black; upper-wings spotted with white.
Inhabits *Denmark*. *Thorax* notched behind: *scutellum* acute.
- Biguttata*. Black spotted with yellow: upper-wings brown with a white marginal spot.
Inhabits *Germany*; small.
Head black with a few yellow dots: *thorax* black, the fore-edge yellow: *abdomen* black: *tail* rufous.
- Ruficollis*. Black; thorax rufous: upper-wings varied with brown and rufous.
Inhabits *Italy*; middle-sized.
Thorax rufous with a black stripe: *body* black.
- Strigata*. Head and thorax black with a yellowish streak; upper-wings black striate with yellow.
Inhabits — *Cercopis variegata*. *Fabricius*.
Head above brown with a yellowish streak, beneath yellowish spotted with brown: *abdomen* black: *legs* yellow.
- Kiloniensis*. Yellowish; upper wings dusky with a white band and 2 opposite white spots.
Inhabits *Kiel*. *Cercopis fasciata*. *Fabricius*.
Abdomen black: *legs* yellowish.
- Unifasciata*. Cinereous; upper-wings with an oblique brown band.
Inhabits *Italy*. *Abdomen* above black.
- Bifasciata*. Yellowish; upper-wings brown with 2 whitish bands.
Inhabits *Sweden*. *Panz. Fn. Germ.* 7. tab. 20.
- Capitata*. Black; head testaceous, with a black band beneath.
Inhabits *Paris*; small, oblong.
Thorax black, the fore-edge testaceous: *upper-wings* a little spotted with testaceous at the tip: middle of the abdomen sanguineous.

- 3-fasciata*. Black; thorax with a white band, upper wings with 2.
Inhabits *Paris*; small.
Head black, *thorax* white: *hind-thighs* white at the base.
- Striatella*. Brown; head and thorax with a greenish band; upper-wings with numerous greenish striæ.
Inhabits *Italy*; small.
Head prominent, brown with a green band before the eyes: *thorax* with a band in the middle: *upper-wings* a little paler with 6 streaks: *legs* testaceous.
- Histrionica*. Black; head and thorax variegated with yellow: upper-wings striate, pale with a brown streak behind.
Inhabits *Italy*; small.
- * *Populi*. Clouded; crown with 2 black dots; abdomen black at the base.
Inhabits *Northern Europe*, on plants.
- Reticulata*. Varied with pale and ferruginous: upper-wings pale, the disk reticulate with black.
Inhabits *Europe*; very minute: *abdomen* black at the base.
- Lineolata*. Upper-wings grey with small brown lines and a transverse blotch on the disk.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 46.*
- Guttata*. Brown; upper-wings with milk white spots.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 47.*
- Unicolor*. Pale, immaculate.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 48.*
- Bicolor*. Grey; thorax sanguineous above.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 49.*
- Punctulata*. Brown; thorax with impressed dots before: upper-wings with 2 white lateral spots.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 50.*
- Leucoptera*. Upper-wings white with interrupted brown streaks.
Inhabits *Europe*. *Mus. Lesh. p. 117. n. 51.*

- Venosa*. Wings hyaline with white veins, and 2 irregular brown bands behind.
Inhabits *Europe*. *Mus. Lesk.* p. 117. n. 52.
- Nebulosa*. Wings white with yellow clouds.
Inhabits *Europe*. *Mus. Lesk.* p. 117. n. 53.
- b. *Lip rounded, setaceous at the tip.* Cicada.
- Perficillata*. Black; under-wings with an ocellate white hyaline spot: abdomen tipped with yellow.
Inhabits *India*. *Stoll Cicad. tab. 1. fig. 5.* Very large.
Antennae and *eyes* fulvous: last segment of the *abdomen* yellow with a black streak.
- Ocella*. Upper-wings compressed, ascending green with ocellar ferruginous dots.
Inhabits *Tranquebar*. *Degeer. Inf. 3. tab. 33. fig. 2.*
Body large, green: *legs* pale.
- Equinoctialis*. Upper-wings deflected, green edged with red, the inner base dotted with black.
Inhabits *Africa*. *Stoll. Cicad. tab. 11. fig. 54.*
Head ferruginous, elevated each side between the *eyes*: *thorax* greenish on the anterior lobe: surface of the *upper-wings* dotted with black before, red behind: *under-wings* white.
- Fuscatella*. Upper-wings deflected, black hyaline, immaculate.
Inhabits *Tranquebar*. *Cicada fuscata. Fabricius.*
Head brown: *front* flat with a raised margin and line down the middle: *thorax* black with a raised dorsal line and another incurved lateral one: *abdomen* and *legs* brown.
- Chalcidoides*. Whitish: under-wings deflected spreading: upper-wings dotted with black on the fore-part.
Inhabits *America*. *Stoll. Cicad. tab. 2. fig. 9.*
- Punctata*. Whitish; upper-wings deflected: *thorax* with 2 impressed dots on the fore-margin.
Inhabits *America*, on plants.
- Rufa*. Whitish, immaculate: head retuse on the fore-part.
Inhabits *Cayenne*: size of the last.

- Grisea*. Grey; upper-wings deflected: head with a black dot at the tip,
Inhabits *America*.
Body green, or mixed cinereous and brown.
Head and *thorax* with each 2 impressed dots.
- 3-punctata*. Upper-wings deflected, green with 3 whitish dots.
Inhabits *Africa*; less than *C. vivida*.
Body green: *front* grooved: hind-margin of the *upper-wings* red: *under-wings* white.
- Vivida*. Green; upper-wings deflected: under-wings white: front conic.
Inhabits *America* and *New Holland*.
- Minuta*. Upper-wings deflected, green, rough on the back: hind-margin of the head and dorsal line on the thorax sanguineous.
Inhabits *New Holland*: small.
Head pale: *front* carinate: *upper-wings* with raised black dots, and a fine sanguineous edge: *legs* pale: *fore-shanks* sanguineous.
- Marginata*. Yellow; upper-wings deflected, dusky, with a yellow lateral line.
Inhabits *America*. *Under-wings* pale.
- Pygmaea*. Under-wings deflected whitish immaculate: body yellowish.
Inhabits *America Islands*: small.
Tail in one sex very villous.
- 3-punctata*. Upper-wings deflected, grey with a pair of black dots.
Inhabits *South America Islands*. *Body* dusky.
- Cunicularia*. Upper-wings deflected. hyaline with a brown streak band and dots: tail woolly.
Inhabits *India*:. *Front* ovate ferruginous.
- Lanata*. Upper-wings black at the tip, with blue dots: sides of the front red; tail woolly.
Inhabits *India*. *Stoll*. *Cicad.* 1. *tab.* 10. *fig.* 49. *Eyes* spinous.

Tomentosa.

Tomentosa. Upper wings deflected, green with 2 interrupted fulvous bands : under-wings white with 2 black bands.
Inhabits *East India*.

Head green : *antennæ* brown : *upper-wings* grey at the tip with a few black dots : *abdomen* brown : *tail* clothed with a thick snowy down : *legs* ferruginous : *fore-shanks* compressed membranaceous, hind-ones toothed.

Barbata. Brown ; abdomen greenish : tail covered with snowy wool.

Inhabits *New Holland* ; large.

Upper-wings brown with a few black dots in the middle and obsolete white ones at the tip : *legs* black : 4- *fore-thighs* sanguineous at the base.

Atrata. Black, thorax with 4 grey spots : edge of the abdomen yellow with snowy dots.

Inhabits *Cayenne* ; size of *C. lanata*.

Antennæ testaceous : *under wings* with a large white hyaline spot before the tip : joints of the *legs* yellow.

Striatula. Above rufous spotted with black, beneath yellowish.

Inhabits *Cayenne* ; middle-sized.

Head with 2 black spots at the tip and one at the base : *thorax* black on the fore-edge : *scutel* black tip with rufous : anterior margin at the base of the *upper-wings*, 2 lines, a common black spot in the middle and a dot towards the tip black.

Nigripennis Black : margin of the head and thorax yellowish dotted with black.

Inhabits——size of *C. ferruginea*.

Abdomen black edged with yellow : *upper-wings* immaculate.

Ferruginea. Head thorax and scutel dotted with black : upper-wings rufous, under-ones white.

Inhabits the *Cape* ; middle sized.

Head glaucous with a black band at the base of the snout and a black dot at the front and crown : *thorax* subcinereous with a black dot before and 2 behind common with the scutel : *scutel* with a single black dot near the tip : *upper-wings* ferruginous, a little paler at the tip.

Undata. Head and thorax cinereous varied with testaceous and black : upper-wings dull rufous with a greenish lateral spot and hyaline tip.

Inhabits *Carolina* ; size of the last.

Body brown ; edge of the *abdomen* fulvous : *legs* testaceous.

Irrorata.

- Irrorata.* Brown : upper-wings with a fulvous base rib and specks.
Inhabits *Carolina*.
Head grooved brown with 3 small yellow dots at the tip : *thorax* rough : *body* with a whitish lateral line : *abdomen* with a broad rosy margin.
- Obtusa.* Black : upper-wings cinereous hyaline at the tip.
Inhabits *Cayenne* ; size of *C ferrugineus*.
Head very obtuse ; *abdomen* beneath pale : *tail* black.
- Aurulenta.* Head and thorax rufous : upper-wings brown tipped with cinereous.
Inhabits *Cayenne*.
Head with a black dot : *thorax* with a broad brown band : *upper-wings* when folded appear grey, when expanded varied with rufous and grey : *under-wings* dusky : *abdomen* rufous : *legs* brown.
- Myopa.* Head and thorax brown-gold varied with black : upper-wings hyaline, darker at the tip, with a gold spot.
Inhabits *Cayenne*.
Head with a black line in the middle and lateral dot : *thorax* with a black line before, band in the middle and hind margin : *upper-wings* with a large gold spot surrounded with a black ring : *body* brown : *hind-thighs* yellow.
- Rohrii.* Green ; wings deflected, whitish : tail woolly.
Inhabits *South America*. *Cicada villosa*. *Fabricius*.
Tail covered with a thick white wool.
- Elongata.* Thorax red with yellow lines : upper-wings very long, dotted with black.
Inhabits *New Holland* ; small, gibbous.
Front elevated between the eyes, grooved and yellow : *abdomen* yellow varied with brown : *upper-wings* thrice as long as the *body* : *under-wings* dusky.
- Histris.* Linear, flesh-colour with black lines.
Inhabits———*Body* long and nearly linear.
Head with 4 longitudinal streaks ending before in a small dot : *upper-wings* with longitudinal black streaks meeting here and there and forming dots : *body* cinereous.
- Suturalis.* Linear, testaceous : head with 2 raised black dots : future of the wings brown.
Inhabits———*Body* oblong : *legs* testaceous.

Nigripes.

- Nigripes*. Blackish: upper-wings brown, the nerves with alternate black and white dots.
Inhabits *Brazil*; small.
Head black, grey before: *body* and *legs* black.
- **Vittata*. Yellow with a double longitudinal flexuous toothed ferruginous band.
Inhabits *Europe*.
- **Lateralis*. Black; upper-wings white at the sides.
Inhabits *Europe*. *Panz. Fn. Germ.* 1. tab. 24.
- Bimaculata*. Above black: scutel, 2 dorsal spots and outer margin of the upper-wings yellowish.
Inhabits *Brazil*: *Cicada variegata*. *Fabricius*.
Head black, beneath yellow: *thorax* with a yellow line behind: *upper-wings* striate with red, a small yellow spot near the scutel and an oblong common one in the middle: *body* beneath yellowish.
- Fenestrata*. Above black; head and scutel yellow: margin of the upper-wings hyaline.
Inhabits *South Sea Islands*; small.
Head with a thin brown edge behind: *body* beneath yellow.
- Flavipes*. Black; head and legs yellow: upper-wings hyaline at the tip striate with black.
Inhabits *Rotterdam Island*; resembles the last.
Head obtuse, black behind: *upper-wings* with a hyaline spot at base near the outer margin.
- **Interrupta*. Upper-wings yellow with a double black interrupted longitudinal line.
Inhabits *Europe*. *Degeer. Inf.* 3. tab. 12. fig. 6.
- Hybneri*. Pale; head and thorax dotted with black; upper-wings with black anastomosing lines.
Inhabits *Saxony*; size of *C. interrupta*.
Legs pale: *thighs* with a black band.
- Acuminata*. Black; upper-wings brown, striate and barred with white.
Inhabits *Germany*. *Cicada acuminata*. *Fabricius*.
Snout, *antennae*, *eyes* and dot on the crown whitish: *thorax* with 2 large whitish spots at the base: *body* black: *tail* white: *legs* pale.

Abbreviata Yellowish : upper-wings cinereous with a black abbreviated fillet.

Inhabits *Saxony* ; size of the last.

Abdomen and *breast* black : *legs* yellowish.

Flavicollis. Black ; thorax and hind-margin of the head yellow.

Inhabits *Europe*.

Head with 2 very minute black dots on the hind-margin : *scutel* and base of the *upper-wings* yellowish : *under-wings* white with black nerves.

**Viridis*. Upper-wings green with a yellowish border : head yellow with 2 black dots.

Inhabits *Europe*. *Donovan's Eng. Inf.* ii. tab. 54. fig. 3.

Scutel with 2 black dots : *under-wings* pale : *abdomen* blue : *legs* yellowish : *upper-wings* sometimes blueish.

Læta. Above glossy-black with blueish dots.

Inhabits *Cayenne* : less than the last.

Thorax with a large bifid blueish spot each side, beneath yellowish : *upper-wings* with 3 blueish spots and a marginal one behind : *abdomen* and *legs* yellowish : *tail* scarlet.

Atomaria. Gilt ; upper-wings with obsolete white specks.

Inhabits *Italy* ; larger than *C. viridis*.

Head thorax and *scutel* yellowish with a gold gloss and ferruginous specks : *body* and *legs* yellowish.

Allionii. Green ; upper-wings white hyaline at the tip.

Inhabits *Italy* ; size of *C. viridis*. *C. prasina*. *Fabricius*.

Eyes testaceous : *body* green.

Argentata. Head yellow with a black band ; thorax and upper-wings silvery striate with brown.

Inhabits *Paris* ; size of *C. viridis* :

Fore-margin of the thorax yellow : *body* pale yellow : *abdomen* with a black line down the middle.

4-guttata. Upper-wings reddish with 2 green spots, the tip hyaline.

Inhabits *Cayenne* ; middle-sized.

Head rufous with 4 small black dots : *thorax* greenish, the fore-edge rufous : *abdomen* above green, beneath and *legs* yellowish.

Margo. Black ; margin of the head thorax and upper-wings scarlet.

Inhabits *Cayenne*. *Cicada marginella*. *Fabricius*.

- Lanio.* Green; head and thorax flesh-colour.
Inhabits *Europe*. *Panz. Fn. Germ. tab. 23.*
- Striatella.* Yellowish polished: head thorax and upper wings striate with white.
Inhabits *Paris*. *Cicada striata. Fabricius.*
Head with 2 white lines: *orbits* white: *thorax* with 4 white lines: *upper-wings* with white nerves: *body* yellowish.
- Ignita.* Greenish, polished: head scutel and abdomen fulvous.
Inhabits *Cayenne*; small.
Head fulvous with 4 black dots: *thorax* a little yellowish each side with a black dot.
- Festiva.* Yellow; head and thorax with 2 black dots: upper-wings with 3 black dots.
Inhabits *Germany*; small.
Head with 2 black dots and a small line each side under the eyes: *upper-wings* white hyaline: *abdomen* black, the edges of the segments a little white.
- Mixta.* Variegated with yellow and black: under-wings deep black.
Inhabits *Paris*; small.
Legs yellow: *thighs* with 4 black dots.
- Bicolorata.* Above yellow, beneath black: upper-wings brownish at the tip.
Inhabits *Denmark*; small. *Legs* yellow.
- Turca.* Black; abdomen yellow: under-wings tipped with brown, with a hyaline lunule.
Inhabits *Brazil*; very large.
Antennæ thick ferruginous: *abdomen* black at the base: *upper-wings* coriaceous nervous, the tip brown with a few minute white dots: *under-wings* with 3 sanguineous spots at the base: *legs* black: *hind-thighs* yellow.
- Maura.* Black; breast and abdomen sanguineous.
Inhabits *New Holland*; middle-sized.
Legs black: *hind-thighs* sanguineous.
- Nebulosa.* Black; upper-wings hyaline, brown at the base.
Inhabits *Africa*; middle-sized.
Upper-wings with 2 ferruginous hyaline spots at the base: *under-wings* white hyaline.

- Hyalina*. Brown; upper-wings with an abbreviated hyaline band and hind-margin.
Inhabits *East India*; small; rusty-brown.
Upper-wings with 2 small hyaline dots behind the band: *under-wings* brown immaculate.
- Pellucida*. Grey; upper-wings with a hyaline band in the middle.
Inhabits *New Holland*.
Thorax with 2 black dorsal lines: *scutel* acute: *under-wings* brown: sides of the *abdomen* dilated beneath, deflected and vaulted.
- Cynobatis*. Brown under-wings white hyaline, the margin dotted with brown.
Inhabits *Denmark*: on roses.
Legs yellowish: *tail* covered with thin whitish wool.
- Clavicornis*. Brown; upper-wings hyaline with a brown streak behind: antennæ compressed, margined.
Inhabits *France*; less than *C. cynobatis*.
First joint of the *antennæ* large broad compressed and margined each side, the second short conic and setigerous at the tip: *fore-legs* compressed.
- Y
**Serratula*. Yellow; upper-wings white with a black dot and 2 bands.
Inhabits *England*; on thistles; small.
Head fulvous with a black dot on the crown: *scutel* edged with black.
- **Nervosa*. Wings brown hyaline, the nerves dotted with black and white.
Inhabits *Europe*. *Degeer. Inf. 3. tab. 12. fig. 1. 2.*
Upper-wings sometimes with a brown band in the middle.
- Variegata*. Black variegated with green: wings hyaline with 3 black dots on the rib.
Inhabits *Germany*; size of the last.
Abdomen black: *wings* nervous.
- Lyncea*. Front and thorax glaucous with 4 ocellar black dots: upper-wings hyaline with a yellowish edge.
Inhabits *East India*; small.
Mouth yellowish with black marks.
- Picta*. Head and thorax yellowish spotted with black: upper-wings pale with a brown fillet and 2 black dots.
Inhabits *Germany*; small.
Snout black: *head* green with 2 black dots meeting behind at the thorax: *thorax* with a black lunule each side: *scutel* yellowish with 2 black dots at the base: *abdomen* black: *legs* yellowish.
Brunnea.

- runnea*. Yellow; thorax grey: upper-wings testaceous immaculate.
Inhabits *Germany*; larger than *C. 2-guttata*.
Thorax grey, darker at the sides: *scutellum* brown tipped with cinereous:
under-wings white: *body* yellow.
- lana*. Grey, immaculate: upper-wings flat.
Inhabits *Italy*; size of the last. *Cicada grisea*. *Fabricius*.
- guttata*. Pale; upper-wings rufous with a gold gloss, and 4 white
dorsal dots.
Inhabits *Germany*; middle-sized.
Upper-wings with a fine yellow outer margin and 2 small white
dots in the middle of the thinner margin.
- punctata*. Greenish head yellow with 4 black dots: upper-wings
whitish.
Inhabits *Paris*. *Cicada 4-notata*. *Fabricius*. Small.
Antennae black: *thorax* green edged with yellow, all the *wings*
green hyaline: *legs* yellow.
- verru-*
ata. Yellow; head with 4 black dots: upper-wings glossy-
golden with 2 transverse black dots.
Inhabits *Italy*; larger than the last.
- Fulgida*. Yellow; upper wings brown gilt.
Inhabits *England*; small.
Thorax brown: *upper-wings* with a yellowish margin and a
common whitish dorsal spot in the middle.
- ladema*. Head yellow with 2 abbreviated black bands: upper-wings
brown hyaline.
Inhabits *Germany*; resembles *C. rosæ*.
Head with 2 black streaks joined by a longitudinal line in the
middle, the anterior streak is dilated into a largish spot each
side: *thorax* with 2 black dots on the fore-margin: *body*
yellowish.
- vidtii*. Greenish-brown: upper-wings brown slightly reticulate
with white.
Inhabits *South American Islands*. *Cicada reticulata*. *Fabricius*.
Abdomen brown, greenish at the edge: *legs* greenish, the hind-
ones tipped with black and annulate with white.
- punctata*. Upper-wings yellowish dotted with brown.
Inhabits *Europe*: small.
Thorax with 2 brown dots at the base and 2 on the *scutellum*.

- * *Rosæ*. Yellow; wings white, striate with brown at the tip.
Inhabits *Europe*. *Ream. Inf.* 5. tab. 20. fig. 10—14.
- Europæa*. Grey; upper-wings tipt and dotted with brown: under-wings white tipt with brown.
Inhabits *Europe*; size of *C. rosæ*. *Cicada maculata*. *Fabricius*.
Nerves of the *upper-wings* dotted with white and black: *abdomen* black with a small inflected horn and bifid tail under the tip: *legs* yellow.
- Bipustulata*. Yellow; head with 2 rufous frontal dots: upper-wings testaceous hyaline.
Inhabits *Germany*; small: *thorax* reddish-brown.
- * *Aurata*. Yellow; upper-wings with fulvous marks and 4 black dots, gilt behind.
Inhabits *Europe*, on various plants.
- * *Ulmi*. Wings yellowish-green, the tips blackish gilt.
Inhabits *Europe*. *Degeer. Inf.* 3. tab. 12. fig. 12.
- Triangularis*. Testaceous spotted with yellow: upper wings whitish at the base.
Inhabits *Denmark*. Upper wings with a black spot.
- Splendida*. Upper-wings pale gilt, dotted with white and black.
Inhabits *Saxony*. *Cicada nitidula*. *Fabricius* iv. p. 46. n. 83.
Snout black with a yellowish line down the middle: *head* yellow with 4 black dots in the middle: *thorax* yellowish before, brownish behind: *scutel* yellow.
- Viridans*. Greenish; upper wings whitish immaculate.
Inhabits *Germany*. *Cicada virescens*. *Fabricius*.
- Flavescens*. Pale yellow immaculate: all the wings white hyaline.
Inhabits *Germany*; small.
Eyes black: *wings* as long again as the body.
- * *Cuspidata*. Grey; head flat, depressed, tipt with brown.
Inhabits *England*; small, grey: *head* cuspidate.
- * *Nitidula*. Yellow; upper-wings hyaline with 2 brown bands.
Inhabits *Europe*. *Donovan's Eng. Inf.* viii. tab. 288. fig. 1.
Head, thorax and *body* yellow: *scutel* dark brown: *upper-wings* yellowish with 2 brown bands, one at the base and the other in the middle: *under-wings* blueish-white with brown nerves.

Quercus.

- mercus.* Yellowish; upper-wings with 4 sanguineous spots, and a large indented brown one at the tip.
Inhabits *Kiel*, on the oak; very minute.
Eyes black: *under-wings* white.
- tricolor.* Upper-wings milk-white with black dots: head and thorax greenish.
Inhabits *Germany*. *Thunb. Aët. Ups.* 4. p. 21. n. 36.
- reticulata.* Upper-wings hyaline reticulate with brown: head and thorax white spotted with black.
Inhabits *Upsal*. *Thunb. Nov. Aët. Ups.* 4. p. 21. n. 37.
- variabilis.* Upper-wings yellowish-brown with 2 pale spots on the edge: head and thorax yellowish.
Inhabits *Upsal*. *Thunb. Aët. Ups.* 4. p. 22. n. 38.
Upper-wings sometimes yellowish, or varied with yellow and brown, and sometimes brown.
- cinctæ.* Upper-wings brown with 2 white spots on the margin: head and thorax brown.
Inhabits *Upsal*. *Thunb. Aët. Ups.* 4. p. 23. n. 89.
- exclamatoris.* Upper-wings black with a white line and dot: head and thorax black.
Inhabits *Upsal*. *Thunb. Aët. Ups.* 4. p. 24. n. 40.
- guttata.* Varied with brown; head thorax and upper-wings ferruginous with yellow and white dots: back scarlet.
Inhabits *America*. *Forst. Nov. Inf.* 1. p. 68. n. 68.
- cruenta.* Head thorax and under-wings brownish: abdomen black: upper-wings depressed tip with yellow.
Inhabits *Jamaica*. *Drury Inf.* 2. tab. 38. fig. 5, 6.
- salicina.* Grey; legs red-testaceous.
Inhabits *Germany*. *Degeer. Inf.* 3. p. 180. n. 2.
- musceformis.* Front square: thorax very short: scutel whitish with 2 impressed dots: under-wings brownish with a white abrupt band and base.
Inhabits *Austria*. *Schrank. Inf. Aust.* p. 253. n. 482.
- bicincta.* Pale brown: head and thorax with a whitish band.
Inhabits *Austria*. *Schrank. Inf. Aust.* p. 254. n. 483.
- Decimaquarta.*

- Decima-quarta.* Pale; upper-wings with 14 black marks.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 254. n. 485.*
- Quadrimenta-culata.* Ferruginous; upper-wings with 2 white spots at the upper margin.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 254. n. 486.*
- Schrankii.* Brown, beneath yellow; wings hyaline with black nerves at the tip.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 255. n. 487.*
- Austriaca.* Black; legs pale: base of the eyes white: wings hyaline with 3 black bands.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 255. n. 488..*
- Hæmor-rhousa.* Black; thorax with 2 sanguineous spots.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 25. n. 490.*
- Trilineata.* Ferruginous with 3 longitudinal black lines.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 258. n. 496.*
- Erythrocephala.* Yellowish; eyes red: fore-shanks edged with black: wings hyaline with darker lines.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 258. n. 498.*
- Melanosticta.* Sulphurous; head with 2 dots: upper-wings with a few black spots and tip with brown.
Inhabits *Austria*. *Schrank. Inf. Aust. p. 259. n. 499.*
- Arunci.* Entirely ferruginous: eyes brown.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 113. n. 332.*
- Marginalis.* Brown; outer edge of the upper wings and legs yellowish: body yellow.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 113. n. 333.*
- Bicordata.* Upper-wings black with yellow sides and line down the middle: legs yellow.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 114. n. 334.*
Front with a black spot in the middle, at the tip of which is seated each side an obcordate black spot:

- Ænothææ*. Yellowish; eyes black: upper wings with brown rivulets.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 114. n. 336.*
- Carniolica*. Blackish; upper-wings with a pale edge all round and 3 longitudinal lines.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 114. n. 337.*
- Pallida*. Pale; thorax with 6 impressed dots.
Inhabits *France*. *Geoffr. Ins. par. p. 419. n. 8.*
- Biguttata*. Black; thorax with a sanguineous dot each side.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 20.*
- Rivulosa*. Testaceous; upper-wings varied with ferruginous, with transverse white waved lines:
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 25.*
- Strigosa*. Thorax and scutel with transverse reddish streaks: upper-wings varied with brown rufous and cinereous: tail bristly: hind-legs long; the shanks ciliate with spines.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 26.*
- Castæa*. Palish-brown, immaculate.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 28.*
- 4-striata*. Upper-wings nervous with raised dots, grey: thorax depressed with 4 longitudinal stripes: fore-legs broad: tips of the shanks grey.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 27.*
- Lutea*. Pale yellow: upper-wings white at the edges of the scutel.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 29.*
- Bipunctata*. Yellow; front with 2 brown dots: upper-wings white with yellow veins.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 30.*
- Flavifrons*. Yellowish; front yellow with 2 minute black dots.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 31.*
- Venulosa*. Yellow; upper-wings white with yellowish veins.
Inhabits *Europe*. *Mus. Lesk. p. 116. n. 32. 35.*

- Lineolata.* Brown; upper-wings whitish with brown veins and white interrupted lines.
Inhabits Europe. *Mus. Lesk. p. 116. n. 33.*
- Virescens.* Entirely yellowish-green.
Inhabits Europe. *Mus. Lesk. p. 116. n. 34.*
- Lugubris.* Upper-wings white, the inner and hind margins black: back interrupted.
Inhabits Europe. *Mus. Lesk. p. 116. n. 36.*
- Hyalina.* Upper-wings hyaline with white veins.
Inhabits Europe. *Mus. Lesk. p. 118. n. 37.*
- Lactea.* Pale; wings milk-white.
Inhabits Europe. *Mus. Lesk. p. 118. n. 38.*
- Denigrata.* Yellow; wings white: abdomen above black.
Inhabits Europe. *Mus. Lesk. p. 118. n. 39.*
- Maculosa.* Brown; upper wings whitish spotted with brown.
Inhabits Europe. *Mus. Lesk. p. 118. n. 40.*
- Pollens.* Apterous; pale.
Inhabits Europe. *Mus. Lesk. p. 118. n. 42.*
- Globulifera.* Black; head conic, ending in a very long spine, with 4 globuliferous peduncles.
Inhabits—*Pall. Spic. Zool. ix. tab. 1. fig. 12. D, E, F.*
- Dyskroptera.* Brown; head yellowish: upper wings red with 4 black streaks.
Inhabits Siberia. *Lepech. It. 2. tab. 11. fig. 24.*
- Nitens.* Grey-green: wings hyaline finely polished: fore-thighs 3-toothed.
Inhabits Surinam. *Degeer. Ins. 3. tab. 33. fig. 4.*
- Collaris.* Tawny-yellow: thorax with a pale red band: antennæ rather long.
Inhabits Surinam. *Degeer. Ins. 3. tab. 33. fig. 12.*

- Melanoptera*. Brown with a lateral yellow line each side : wings black.
Inhabits Surinam. Degeer. *Ins.* 3. tab. 33. fig. 14.
- Gibberula*. Brown-green, reticulate : base of the wings dilated.
Inhabits France; Geoffr. *Inf. par.* 1. p. 418. n. 7.
- 6-punctata*. Yellowish ; thorax with six impressed dots.
Inhabits France. Geoffr. *Inf. par.* 1. p. 419. n. 8.
- Crocata*. Black ; thorax and upper-wings with a saffron band.
Inhabits France. Geoffr. *Inf. par.* 3. p. 422. n. 16.
- Castanea*. Entirely black.
Inhabits France. Geoffr. *Inf. par.* 3. p. 422. n. 15.
- Tristriata*. Brown ; upper-wings whitish with 3 brown bands.
Inhabits France. Geoffr. *Inf. par.* 3. p. 425. 21.
- Bistriata*. Yellow ; upper-wings with 2 brown bands.
Inhabits France. Geoffr. *Inf. par.* 3. p. 425. n. 22.
- 3-punctata*. Yellow-green : upper-wings with 3 black dots and tip
with brown.
Inhabits France. Geoffr. *Inf. par.* 3. p. 426. n. 25.
- Geographica*. Green ; upper-wings with numerous brown ovate spots.
Inhabits France. Geoffr. *Inf. par.* 3. p. 427. n. 26.
- Squalida*. Brown ; upper-wings clouded, with whitish nerves.
Inhabits Europe. Geoffr. *Inf. par.* 1. p. 422. n. 14.
- 4-notata*. Blackish ; thorax with 2 dots : upper-wings entirely coriaceous, with a double interrupted white band.
Inhabits Denmark. Mull. *Zool. Dan.* p. 102. n. 1149.
- Pallescent*. Upper-wings abbreviated, striate, spotted with brown : under-wings white.
Inhabits Denmark. Mull. *Zool. Dan.* p. 102. n. 1150.
- Fusca*. Yellowish ; upper wings brown nervous : eyes black.
Inhabits Denmark. Mull. *Zool. Dan.* p. 102. n. 1151.
- Pusilla*. Pale ; wings white with scattered black dots.
Inhabits Denmark. Mull. *Zool. Dan.* p. 103. n. 1163.
Is so very minute as to be visible on when leaping.
- Diaphana*. Yellow-white : eyes cinereous.
Inhabits Denmark. Mull. *Zool. Dan.* p. 103. n. 1169.

- Arvensis.* Yellow; front, abdomen beneath and sides black.
Inhabits Denmark. Mull. Zool. Dan. p. 103. n. 1170.
- Neuroptera.* Yellowish; wings hyaline nervous with subfulvous spots.
Inhabits Denmark. Mull. Zool. Dan. p. 103. n. 1171.
- Cancellata.* Yellow; scutel with 3 punctures and tip with brown:
wings white reticulate.
Inhabits Denmark. Mull. Zool. Dan. p. 103. n. 1172.
- Glabra.* Brown; thorax black: upper-wings polished, fulvous.
Inhabits Denmark. Mull. Zool. Dan. p. 103. n. 1173.
- Amphibia..* Antennæ thick, elevated: under-wings 0: hind-legs formed
for swimming.
Inhabits Denmark. Pontop. Nat. Daen. tab. 16. a. b.
Female armed with a sword; probably not of this genus.

63. NOTONECTA. Snout inflected: antennæ
shorter than the thorax: wings 4, folded
cross-wise, coriaceous on the upper half:
hind-legs hairy, formed for swimming.
Boat-fly.

The Insects of this and the next genus *Nepa* live in stagnant waters and prey on aquatic animalcules: the *larvæ* and *pupæ* are 6-footed and active; the former have the rudiments of wings, the others not.

A. Lip elongated, conic.

- * *Glaucia.* Upper-wings yellow-brown, the anterior margin bright brown dotted with black, the tip bifid.
Inhabits Europe. Donovan's Eng. Inf. iii. tab. 75.
Head yellow: eyes large brown: thorax yellow on the fore-part, black behind: scutel black rough: abdomen black: tail yellowish with a few hairs: legs brown.
- Furcata.* Upper-wings brown with 2 testaceous spots as the base.
Inhabits France; resembles the last.

Maculata.

Maculata. Upper-wings brown with ferruginous specks, bifid at the tip.

Inhabits *France*; less than the last.

Scutel white: *abdomen* black, the tip and band at the base fulvous: *upper-wings* with a snowy rib: line down the middle of the *abdomen* carinate beneath.

Americana. Grey; behind black: scutel deep black with a yellow dot each side at the base.

Inhabits *America*; less than *N. glauca*.

Snout greenish at the base, margin and tip of the *upper-wings* black: *under-wings* black.

Indica. Upper-wings whitish immaculate, rounded at the tip.

Inhabits *India*, 4 times as small as *N. glauca*.

Body cinereous: eyes glaucous: *abdomen* black with a sanguineous dorsal band which appears through the wings: all the wings aqueous.

Minutissima. Grey: head brown: upper-wings truncate.

Inhabits *Europe*. *Panz. Fn. Germ.* 2. tab. 14.

Finuta. Head yellow: thorax and upper-wings green with transverse brown lines.

Inhabits *Europe*. *Sulz. Hist. Ins.* tab. 10. fig. 1.

Novboracensis. Yellowish; upper-wings with 3 clouded brown longitudinal spots.

Inhabits *New York*. *Forst. Nov. Ins.* 1. p. 70. n. 70.

Punctata. Head yellow; thorax brownish: scutel black with 5 white dots: upper-wings brown edged with white and marked with 4 black dots.

Inhabits *Germany*. *Schaeff. Icon.* tab. 97. fig. 1.

Indica. Glauous; upper-wings tipped with black.

Inhabits *India*. *Mant.* 2. p. 534.

Tomaria. White: above and upper wings pale grey: under-wings milky,

Inhabits *Russia*. *Pall. It.* 1. app. n. 55.

Alba. Upper-wings whitish with a marginal black streak.

Inhabits *Denmark*. *Mull. Zool. Dan.* p. 103. n. 1175.

Marginata.

Marginata. Upper-wings black, the edge and suture yellow.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 104. n. 1176.

B. *Sheath conic, spinous at the sides.* Sigara.

Lineata. Upper wings brown with 2 abbreviated yellow lines.
Inhabits *Cayenne*; something larger than *N. striata*.
Head yellow: *eyes* black: *thorax* brown, the fore-margin sides
and dorsal line yellow, in the fore-margin are 2 brown spots
and between these 2 dots: *scutel* brown tipped with yellow: *up-*
per-wings white hyaline at the tip: *body* yellow: *fore-shanks*
and joints of the other legs black.

**Striata.* Upper-wings pale brown with numerous dots and streaks of
dark brown.
Inhabits *Europe*. *Donovan's Eng. Inf.* v. tab. 176.
Varies very much in size. *Head* and *legs* yellow.

Coloptrata. Upper-wings entirely coriaceous, brown, the outer margin
yellow.
Inhabits *Sweden*; resembles the last.
Head and *snout* yellow: *thorax* brown, rounded behind: *breast*
and *legs* pale: *abdomen* black.

Minor. Upper-wings greenish-ash, immaculate.
Inhabits *France*. *Sigara minuta.* *Fabricius.*
Head and *thorax* shining yellow, the former sometimes scarlet:
body yellow.

64. NEPA. *Snout* inflected: *antennæ* short:
wings 4, folding cross-wise, coriaceous
on the upper part: *fore-legs* cheliform:
the other 4 formed for walking.

Water Scorpion.

A. *Antennæ* palmate: *lip* 0.

Grandis. Chestnut-brown variegated with yellow.
Inhabits *South America*. *Naturalist's Miscell.* plate 370.
Antennæ palmate 4-cleft, the divisions curved.

Annulata. Tail unarmed; roundish, pale brown: *fore-shanks* pale
annulate with brown.
Inhabits *Caromandel*; broader and more round than others.
Thorax and *scutel* darker on the fore-part: *legs* varied with brown
and pale.

Rustica.

- Rufica.* Tail unarmed; brown: lateral and hind margin of the thorax and fore-margin of the upper-wings whitish.
Inhabits *Ceromandel*. *Stoll. Cimic. 2. tab. 7. fig. 6.*
Head brown, pale before.
- Fusca.* Tail ending in 2 bristles: scutellum rugged: wings snowy.
Inhabits *East India*. *Stoll. Cimic. 2. tab. 1. fig. 1.*
Body brown: tail as long as the body.
- Grossa.* Tail ending in 2 bristles: body ovate: tail longer than the body.
Inhabits *Tranquebar*. *Stoll. Cimic. 2. tab. 7. fig. 5.*
Body depressed flat ashy-brown: thorax unequal: abdomen above rufous with a black dorsal line.
- Cinerea.* Tail ending in 2 bristles half as long as the body: body ovate, dark brown.
Inhabits *Europe*. *Donovan's Eng. Inf. i. plate 17.*
Antennae palmate bifid: abdomen above red.
- Maculata.* Tail ending in 2 bristles: body black: thorax and scutellum spotted with ferruginous.
Inhabits *India*; about half the size of the last.
Head black with a dull rufous spot on the crown: thorax unequal: scutellum with a rufous spot in the middle in which is a ferruginous line: under-wings pale brown.
- B. *Antennae palmate: lip very short, widely emarginate.*
Ranatra.
- Filiformis.* Tail ending in 2 bristles shorter than the body: body linear; legs testaceous, the thighs annulate with cinereous.
Inhabits *Tranquebar*: resembles *N. linearis*.
Snout short straight prominent subcompressed.
- Linearis.* Tail ending in 2 bristles, as long as the body: thorax of one colour: fore-shanks with a spine in the middle.
Inhabits *Europe*. *Donov. Engl. Inf. iii. plate. 105.*
Body brown cylindrical: abdomen red.
The eggs are oblong and armed at one end with 2 bristles, and are found inclosed in the culm or stem of rushes, with the hairs standing out.

Elongata.

Elongata. Tail ending in 2 bristles longer than the body : body linear : thorax testaceous with a brown dorsal line.

Inhabits *Tranquebar* : larger than *N. linearis*.

Head testaceous : eyes globular black : all the wings brown, shorter than the body : legs testaceous : fore-shanks tipped with brown, the others ciliate with white hairs : abdomen carinate, with 3 spiracles each side.

C. Lip projecting, rounded. *Naucoris*.

**Cimicoides* Abdomen ferrate at the edge : head and thorax varied with yellow and brown.

Inhabits *Europe*. *Stoll. Cimic. 2. tab. 12. fig. 8. B.*

Æstivalis. Abdomen ferrate at the edge : head and thorax white.

Inhabits *France* ; about half the size of the last.

Head rounded : thorax flat with a brown blotch before and behind : scutellum and wings brown : abdomen brown edged with white.

Nepæformis Edge of the abdomen entire.

Inhabits *South American Islands*.

Head and thorax dull yellowish : scutellum brown : upper-wings dull yellowish under-ones brown : body beneath black : legs yellow.

Curfitans. Abdomen black, the edge entire : all the legs formed for running.

Inhabits *Kiel* ; very small.

Shield brown rounded entire : scutellum and upper-wings brown : under-wings white : body and legs brown.

65. CIMEX. Snout inflected : antennae longer than the thorax : wings 4, folded cross-wise, the upper-ones coriaceous on the upper-part : back flat : thorax margined : legs formed for running. Bug.

A. Antennæ inserted before the eyes

a. Lip. o. *Acanthia*.

**Leptularius*
us.

Apterous ; body ferruginous.

House-bug.

Stoll. Cimic. 2. tab. 19. fig. 131. Degeer. 3. t. 17. fig. 9.

A troublesome and nauseous inhabitant of most houses in large Cities : crawling about in the night-time to suck the blood of such as are asleep, and hiding itself by day in the most retired holes and crevices.

Zoffera.

- zosteræ*. Black ; upper-wings coriaceous, longer than the abdomen, the tip with hyaline striæ.
Inhabits *Germany*, on various sea weeds.
Head black : eyes prominent : body black : legs yellowish.
- saxonicus*. Black : upper-wings coriaceous, longer the abdomen, immaculate : legs pale.
Inhabits *Saxony*, *Acanthia flavipes*. *Fabricius*.
Upper-wings concave ; under-wings o.
- ter*. Glossy-black : thorax with a white dorsal line.
Inhabits *Germany* ; half the size of *C. zosteræ*.
Upper-wings pale at the tip : shanks pale.
- callicornis*. Glossy-black : upper-wings coriaceous, abbreviated, immaculate : antennæ and legs pale.
Inhabits *Saxony*. Thighs black at the base.
- cylloides*. Black ; margin of the thorax and upper-wings white : under-wings o.
Inhabits *Germany*. Upper-wings shorter than the body.
- coriaceus*. Upper-wings coriaceous, black-grey : under-wings o.
Inhabits *Germany* ; size of *C. lectularius*.
Antennæ snowy, the 2 first joints thicker : thorax and upper-wings brown with numerous cinereous dots : body and legs black.
- flavipes*. Black ; legs piceous : fore-thighs thickened and toothed : under-wings o.
Inhabits *Tranquebar* ; size of *C. zosteræ*.
- nigripennis*. Black ; fore-part of the thorax greenish : upper-wings coriaceous greenish.
Inhabits *Germany*. *Acanthia nigricornis*. *Fabricius*.
Small. Antennæ thick : under-wings white.
- clavicornis*. Upper-wings with reticulate punctures : antennæ clavate.
Inhabits *Europe*. *Panz. Fn. Germ. 3. tab. 24.*
- crassipennis*. Upper-wings dull ashy : last joint of the antennæ elongated compressed lanceolate.
Inhabits *Germany*. *Acanthia crassicornis*. *Fabricius*.
Body small oblong : antennæ 2 jointed, ferruginous, the first cylindrical, second longer compressed and ciliate : head thorax and scutell brown : under-wings hyaline : legs pale.

- Virefcens*. Greenish ; last joint of the antennæ ovate, thicker, black.
Inhabits *South American Islands* : small.
Antennæ greenish, the last joint black : *upper-wings* greenish with 2 approximate brown dots in the middle and 3 at the hind-margin : *under-wings* hyaline white : *body* greenish.
- Lavateræ*. Black : upper-wings and base of the abdomen rufous.
Inhabits *Barbary*. on the *Lavatera* ; small.
Upper-wings with a black blotch at the tip : *under-wings* white immaculate : *abdomen* black, the first segment rufous beneath.
- **Serratulæ* Black : upperwings palish, under-ones tipt with brown.
Inhabits *England*, on the *Serratula* ; small.
Antennæ 2 jointed, filiform : *head* and *thorax* black immaculate : *upper-wings* pale with 2 black dots : *under-wings* white tipt with brown ; *legs* reddish.
- Fasciatus*. Black : upper-wings palish with 2 abbreviated black bands.
Inhabits *Germany* ; small.
Two first joints of the *antennæ* ferruginous tipt with black : the last black : *thorax* with an impressed groove : *legs* yellowish : *hind-thighs* with a black ring.
- Mulleri*. Black ; legs fulvous.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 105. n. 1188.
- Maculatus*. Brown ; thorax with 3 white spots : abdomen beneath white, the edge dotted with black.
Inhabits *Tranquebar* ; small.
Under-wings white : *legs* whitish.
- Marginalis* Black ; upper-wings pale with a black base and marginal spot.
Inhabits *Denmark*. *Acanthia pallipes*. *Fabricius*.
Upper-wings striate, with a black marginal spot and lesser one near it : *under wings* with 2 brown dots at the tip : *legs* pale.
- **Littoralis*. Upper-wings dirty grey dotted with white : body black.
Inhabits *Europe*. *Degeer. Ins.* 3 tab. 14. fig. 17. 18.
- Rugosus*. Upper-wings pale : body oblong : fore-thighs very thick and transversely striate.
Inhabits *North America*.

- Lunatus.* Thorax lunate, with a prominent margin : abdomen serrate.
 Inhabits *India*. *Stoll. Cimic. 2. tab. 13. fig. 84.*
Body dull ferruginous : *abdomen* broader than the wings, with 5 teeth each side.
- * *Corticalis.* Membranaceous ; abdomen imbricate at the sides : body black.
 Inhabits *Europe*. *Schæff. Icon. tab. 51. fig. 6. 7.*
Body very flat and thin : *head* triangular : *antennae* of 3 joints : all the wings grey.
- Depressus.* Membranaceous, brown : thorax with 4 raised lines : upper-wings white with a raised brown ring.
 Inhabits *Germany* : size of *C. corticalis*.
Head with a strong sharp spine before the antennæ : *thorax* with a whitish spot each side at the tip : *scutellum* triangular, the margin elevated each side : *upper-wings* whitish spotted with brown body chestnut-brown : *tail* brown with pale spots : *legs* pale : *thighs* annulate with brown.
- Planus.* Membranaceous, black : thorax with 4 raised lines : all the wings white spotted with black.
 Inhabits *Saxony* ; size of *C. corticalis*.
Head with a small spine before the eyes : *scutellum* white.
- Paradoxus.* Membranaceous ; thorax and abdomen lobate and ciliate with spines.
Act. Holm. 1777. tab. 6. fig. A. B. C. Stoll. Cim. t. 14. f. 101.
 Inhabits the *Cape of good hope* ; resembles a dead leaf.
Body grey : *antennae* spinous : *thorax* thin, with a large clavate rounded spinous lobe each side : *abdomen* flat villous, with 3 prominent lobes each side which are rounded and ciliate with spines : *legs* spinous.
- * *Lævis.* Black ; abdomen smooth, chestnut-brown : under-wings pale.
 Inhabits *England*. Margin of the *abdomen* entire.
- * *Betulæ.* Membranaceous ; thorax denticulate : head spinous : upper-wings dilated on the fore-part.
 Inhabits *Europe*. *Degeer. Inf. 3. tab. 15. fig. 16. 17.*
Thorax furrowed rough, black in the centre, the sides grey and denticulate : *upper-wings* grey clouded : *legs* black : *tarsi* red.

- Griseatus.* Depressed, grey; abdomen with a black ring beneath.
Inhabits *Barbary*; size of *C. betulæ*.
Margin of the *abdomen* entire, pale with a small black dot.
- Crassipes.* Abdomen margined brown, yellowish at the tip: fore-shanks thickened.
Inhabits *Dresden*.
Antennae yellow clavate: *head* brown, cleft at the tip: *thorax* rough black: *upper-wings* brown, under-ones pale: *legs* yellow.
- Erosus.* Membranaceous: abdomen yellow with 2 black bands: thorax sinuate at the edge: fore shanks thickened.
Inhabits *Surinam*. *Degeer. Inf. 3. tab. 35. fig. 13. 14.*
- Monstrosus.* Membranaceous, black: abdomen ferrate, angular tip with white: head and thorax ferrate: fore-shanks thickened.
Inhabits *Barbary*; size of *C. paradoxus*.
Antennæ testaceous, the first joint black: *head* bifid at the tip: *thorax* with 4 raised lines: *abdomen* white spotted with black in the middle and at the tip: *shanks* white.
- Niger.* Black; thorax ferruginous margined conic, truncate at the tip: under-wings half as long as the body, ferruginous on the outer edge: abdomen spotted above with white; with 6 ferruginous lobes each side and 6 pair of white dots beneath.
Inhabits out of *Europe*. *Muj. Lesh. p. 117. n. 66. b.*
- Umbraculatus.* Ferruginous; thorax margined, the fore-edge and scutellum white.
Inhabits *Germany*.
Head margined ferruginous: *mouth* yellowish: *thorax* with a white marginal dot: *scutellum* tip with white: margin of the *abdomen* varied with white and black, beneath yellowish with 3 black spots.
- Leucopterus.* Thorax ferrate at the edge: body grey: under-wings white speckled with brown.
Inhabits ——— *Acanthia ferrata*. *Fabricius: n. 32.*
Head with a spine before the eyes: *upper-wings* grey edged with white and dotted with black: *hind-thighs* toothed at the tip.

- Filicis.* Depressed, black : tip of the upper-wings head and legs livid ; upper-wings brown with a yellowish margin.
Inhabits *Europe*, on ferns. *Fn. Suec.* 919.
- Gibbus.* Black ; scutellum and upper-wings white with a black dot at the tip.
Inhabits *East India* ; small gibbous.
Antennae 3-jointed ; *under-wings* white immaculate.
- Novae-Zelandensis.* Black ; upper-wings white, the tip brown with a whitish spot : *under-wings* immaculate.
Inhabits *New Zealand*. *Acanthia compestris*: *Fabricius*.
Body black : *legs* yellowish.
- Nemoralis.* Black ; upper wings with a white dot in the middle : *under-wings* brown, white at the base.
Inhabits *Zealand*. *Acanthia nemoralis*. *Fabricius*.
Body glossy-black : *upper-wings* with a white blotch at the base.
- Pratensis.* Black ; upper-wings yellowish, darker at the tip : *under-wings* white with a brown spot at the tip.
Inhabits *Germany*. *Acanthia pratensis*. *Fabricius*.
Antennae black, rufous at the base : *legs* rufous.
- Sylvestris.* Black ; upper-wings white with a black arch at the tip.
Inhabits woods of *Europe* ; small.
Antennae ferruginous, the joints tipped with black : *upper-wings* white, the tip black with a large yellow spot, the inner margin yellowish with a black spot : *under-wings* whitish with a black spot at the tip : *body* black : *legs* ferruginous.
- Latissimus.* Thorax with 4 raised lines : *body* brown : upper wings pale with a brown spot at the tip.
Inhabits *Sweden* ; larger than *C. cardui*.
Antennae compressed : *head* with a strong spine before the *antennae* : *thorax* membranaceous and pale at the edge : *upper-wings* with a brown blotch or two.
- Postalis.* Thorax with 3 raised lines : *body* brown : rib of the upper-wings dotted with black and white.
Inhabits *Europe* ; larger than *C. cardui*.
Antennae black : *eyes* globular : *thorax* lengthened behind in form of a scutellum : *legs* rufous.

- Sacchari*. Thorax and scutel with 3 raised lines: body brown: under-wings hyaline and reticulate at the tip.
Inhabits *South American Islands*; size of the last.
Antennae dull ferruginous: *upper-wings* brown.
- Sida*. Thorax and scutel with 3 raised lines: body cinereous: under-wings white hyaline, reticulate.
Inhabits *South America*; size of the last.
- **Cardui*. Thorax and scutel with 3 raised lines; antennæ tipped with black.
Inhabits *Europe*. *Degeer. Inf. 3. tab. 16. fig. 1.*
Body ovate depressed, grey spotted with black.
- Humuli*. Thorax with 3 raised lines; the margin very thick: body beneath black: legs rufous.
Inhabits *Germany*, on the Hop.
Antennae rufous tipped with black: *upper-wings* varied with cinereous and black, ocellate at the tip.
- **Pyri*. Thorax with 3 raised wings: scutel foliaceous: upper-wings gibbous, reticulate at the base.
Inhabits *Europe*, on the under surface of the Pear-tree, which become spotted from its punctures.
Head small whitish: wings of the *thorax* white reticulate with brown, the lateral ones compressed carinate and sharp, the middle one globular: *scutel* raised sharp, white with a brown spot at the base: *upper-wings* white spotted with brown: legs white.
- Gossypii*. Thorax 3-winged, the lateral ones ferrate: scutel foliaceous: upper-wings hyaline reticulate.
Inhabits *South America*, on the Gossypium.
Antennae pale: lateral wings of the *thorax* flat rounded, the middle one larger gibbous: *under-wings* hyaline reticulate, slightly spotted with brown.
- Corticatus*. Thorax denticulate and with the body and legs blackish green: antennæ clavate.
Inhabits *Brasil*. *Drury. Inf. 2. tab. 40. fig. 2.*

b. Lip long, subulate, annulate. Cimex.

† Scutel as long as the abdomen: body ovate.

- ockerus.* Ovate, body green with black spots: abdomen ferruginous.
Inhabits *China*. *Stoll. Cimic. 2. tab. 3. fig. 1.*
Body beneath ferruginous, blue at the sides.
- ques.* Ovate; body green with black spots: abdomen black, the edge green dotted with black.
Inhabits *Tranquebar*; less than the last.
Antennae black: *head* with a black band between the antennæ and 2 dots at the base each side: *thorax* green with a black dorsal line and 4 dots: 3, 1. *scutel* large with 8 black dots, 2, 2, 2, 1. and a bifid one before: *legs* blue.
- obilis.* Oblong; blue-gilt spotted with black.
Inhabits *Asia*. *Stoll. Cimic. 1. tab. 1. fig. 1.*
Body beneath blue with lateral blue and gold bands.
- ignalis.* Oblong; thorax and scutel blueish with 6 black spots.
Inhabits *Senegal*. *Cimex signatus. Fabricius.*
Antennæ black: *head* blueish: *breast* blue dotted with black: *abdomen* with a lateral line of blue dots: *legs* black: *thighs* rufous.
- Regalis.* Thorax and scutel golden, the first with 2 blueish dots, the last with 2 blueish spots.
Inhabits *New Holland*; large.
Antennae black: *head* shining green with a blue line: *thorax* with 2 blue dots before and between these obsolete rufous spots: all the *wings* brown, the rib of the upper-ones blue as far as the middle: *breast* blue with rufous spots: *abdomen* rufous with a line of impressed dots each side: *tail* blue: *legs* blue: *thighs* rufous at the base.
- Imperialis.* Thorax and scutel rufous: abdomen blue with a sanguineous margin.
Inhabits *New Holland*; resembles the last.
Antennae black: *head* green: *mouth* blue: *snout* black: *scutel* golden at the tip: all the *wings* black, the upper-ones blue on the outer margin as far as the middle with a sanguineous rib: *abdomen* with an abbreviated red line at the base: *tail* green.
- Carinthls.* Dull black, immaculate.
Inhabits *Africa*, on the *nigella fativa*.

- Dispar.* Flesh-colour; thorax and scutel with yellowish spots, some of them with an ocellar black dot.
 Inhabits *China*. *Stoll. Cimic. tab. 37. fig. 260.*
Head yellow, blue at the base: *antennæ* blue: *scutel* with an impressed black lunule each side at the base, then 3 yellow rings each with a black dot, behind the middle 2 yellow lunules with a black dot and behind ocellate yellow spots: *breast* blue: *abdomen* with 4 macular blue streaks: *legs* blue: *thighs* rufous. One *sex* has the thorax armed with a sharp curved spine, yellow at the base and tip with black.
- Nigella.* Dull-black; fore-part of the thorax, edge of the abdomen and legs white.
 Inhabits *Barbary*, on the *Nigella*.
Thorax piceous before, dotted with black behind: *upper-wings* fanguineous within: *abdomen* black edged with ferruginous.
- Annulus.* Greenish, with black annular spots.
 Inhabits *Senegal*. *Drury. Inf. 3. tab. 46. fig. 9.*
Thorax greenish with 2 black streaks, the hind-one waved: *scutel* large with 11 black annular spots, 5, 4, 2. *under-wings* tip with black.
- 6-guttatus.* Above testaceous: thorax with 2, scutel with 4 blue-black dots.
 Inhabits *America*: middle-sized.
Antennæ black: *head* with 2 black lines meeting before: beneath black: *abdomen* with fulvous spots: *legs* black: *thighs* fulvous.
- Curvatus.* Grey; thorax and scutel with 2 black curves.
 Inhabits *South America*. *Cimex arcuatus. Fabricius.*
Body large grey with numerous brown specks.
- Druræi.* Above rufous with differently shaped black spots.
 Inhabits *America*. *Drury. Inf. 1. tab. 42. fig. 1. 5.*
Body above fanguineous, beneath blueish-black.
- Fabricii.* Surburplish with fulvous dots.
 Inhabits *Cayenne*: beneath blueish-black.
 One *sex* is reddish above, the other blueish.
- Argus.* Black, with numerous ocellar fulvous spots.
 Inhabits *Surinam*. *Stoll. Cimic. 2. tab. 7. fig. 50.*
Body beneath yellow spotted with black.

- Schulzii*. Black-bronzed; scutel with a scarlet spot each side at the base.
Inhabits *Cayenne*; size of *C. scarabæoides*.
Antennæ and *legs* brown.
- Paganus*. Azure; scutel and abdomen rufous with azure spots.
Inhabits *New Holland*; middle-sized.
Antennæ black: *breast* blue with a sanguineous groove for the reception of the beak; *tail* and *legs* blue.
- Ilustris*. Glaucous; thorax and scutel with 2 brown dots.
Inhabits the *Cape of good hope*; large.
Head with an abbreviated brown line and 2 dots at the base: *thorax* with a whitish spot each side in which is a brown dot: *antennæ* and *legs* brown.
- Fuscifer*. Chestnut-brown: scutel with 2 black dots and a 3-toothed fulvous spot behind.
Inhabits the *Cape of good hope*. *Stoll. Cimic. tab. 9. fig. 59.*
- Lineola*. Above azure; head and thorax with a red dorsal line: scutel with 2 red dots.
Inhabits the *Cape of good hope*; middle-sized.
Antennæ black: *upper-wings* blue, *under-ones* brown: *breast* yellow with blue sides: *abdomen* reddish at the base, then black, the tip yellowish; *legs* blue: *thighs* yellowish at the base.
- Trilineatus*. Black, with 3 yellowish lines.
Inhabits *South America*; less than *C. lineatus*.
Beneath black with a green tinge: *abdomen* with a line of red dots each side.
- Vigrolineatus*. Red; thorax with 5 black lines, scutel with 3: abdomen yellow dotted with black.
Inhabits *Southern Europe*. *Stoll. Cimic. 2. tab. 11. fig. 9.*
- Hemipunctatus*. Above rufous: thorax with 10 black dots: scutel with 4 black lines.
Inhabits *America*. *Stoll. Cimic. 2. tab. 11. fig. 8.*
Head with 2 marginal black lines: dots on the *thorax* 4, 4, 2. and a lateral line each side: beneath yellow dotted with black.

- Silpha.* Black-bronzed: margin of the abdomen beneath and legs yellow.
Inhabits *India*. *Cimex filphoides*. *Fabricius*.
Under-wings lineate: *legs* yellow.
- Anchorago.* Azure; scutel yellowish at the base and tip: margin of the abdomen yellow dotted with black.
Inhabits *America*.
Head emarginate at the tip: *thorax* subspinous punctured, with a yellowish tooth before and lunule each side: *upper-wings* blue, under-ones black: beneath blue: *sternum* projecting yellow: *legs* blue: *thighs* with a small white lunule at the base and tip.
The *male* is rufous where the *female* is yellow.
- Grammicus.* Body yellowish, with longitudinal black marks above.
Inhabits *Africa*; middle-sized.
- Allioni.* Rufous, with very numerous white specks.
Inhabits *Italy*. *Cimex pædemontanus*. *Fabricius*.
Head brown immaculate: *legs* blackish.
- Costatus.* Grey; rib of the wings at the base and legs rufous.
Inhabits *Rotterdam Island*; resembles *C. maurus*.
Antennæ cinereous: *head* with a yellowish margin: *thorax* with red specks: *scutel* subcarinate with an obsolete brown spot or two: *wings* yellowish at the base, whitish at the tip, the rib ferruginous with a black dot at the end: *breast* channelled.
- Barbarus.* Dull testaceous dotted with black: scutel with 2 fulvous dots at the tip.
Inhabits *Barbary*. *Cimex lynceus*. *Fabricius*. n. 29.
Body above with numerous scattered black dots: *abdomen* black with fulvous dots on the margin and in the middle.
- Maurus.* Cinereous; base of the scutel with 2 white dots.
Inhabits the *East* and *Europe*. *Schæff. Icon. t. 43. f. 3, 4, 15, 16.*
- Hottentotta.* Body ferruginous immaculate.
Inhabits *Arabia*: larger than *C. maurus*.
- Irroratus.* Greenish speckled with brown.
Inhabits *America*; less than *C. maurus*.
Antennæ and *legs* pale: *body* beneath yellowish.

- Albolineatus*. Thorax subspinous: body grey striate with white.
Inhabits *Italy*. Stoll. *Cimic. tab. 23. fig. 156*.
Head with a whitish streak in the middle: *thorax* with 5 streaks,
scutel with 5 and white margins: *abdomen* brown, the edge
grey with a few black dots: *legs* brown,
- Rusticus*. Brown; head and fore-part of the thorax ferruginous:
beneath variegated with white and brown.
Inhabits *Tranquebar*; middle-sized.
Antennæ ferruginous tip with brown: *head* with a brown line
in the middle: *legs* testaceous.
- Lunatus*. Black-bronzed, with grey down.
Inhabits *Siberia*. Stoll. *Cimic. 2. tab. 9: fig. 61*.
Body oblong, immaculate, clothed with long hairs.
- Globus*. Globular, glossy-black: edge of the abdomen ferruginous.
Inhabits *Southern Europe*.
Body very obtuse behind: *antennæ* yellow at the base.
- * *Scarabæoides*. Body black-bronze: legs spinous.
Inhabits *Europe* in meadows. Sulz. *Inf. 26. tab. 11. fig. 70*.
Antennæ slightly clavate: *under-wings* white.
- Pallipes*. Black-bronze; margins of the scutel and abdomen and legs
pale.
Inhabits *Africa*; resembles the next.
- Flavipes*. Black-bronze, the edge all round and legs yellow.
Inhabits *New Holland*; small.
Head yellowish, the hind-margin black: fore and lateral edges of
the *thorax* yellowish: edge and 2 dots at the base of the *scutel*
yellow: *abdomen* edged with yellow.
- Desfontainii* Thorax spinous; body above grey, beneath whitish.
Inhabits *Barbay*; middle-sized.
Head whitish: *thorax* with a strong spine each side, whitish
before, the margin of the spines blackish: margin of the *ab-*
domen obtusely toothed each side.
- * *Fuliginosus* Scutel footy with 5 blackish blotches, the hind-one white
and bifid.
Inhabits *Europe* and the *East*. Schæff. *Icon. tab. 11. figs. 10—12*.

- Vatlii.* Glossy-black; head with 2 yellowish blotches: margin of the thorax and scutel and legs yellow.
Inhabits the *East*: middle-sized.
Thorax gibbous with an oblique yellowish line before the margin: *abdomen* black, the segments each side with 2 yellowish lines meeting at the tip.
- Litura.* Black; scutel with 2 white lines at the base and dot at the tip.
Inhabits *Arabia*; resembles the last.
- Tuberculatus.* Dusky; scutel rough, tuberculate before the tip.
Inhabits *Italy*; less than *C. litura*.
Body dusky with a little mixture of ferruginous: *thorax* with an unequal impressed band in the middle: *scutel* with numerous scattered raised dots and a large obtuse tubercle: *legs* blackish, the joints pale: *shanks* ferrate.
- * *Inunctus.* Black; base of the scutel and legs grey.
Inhabits *England*; middle-sized.
Body covered with an oily liquor: *head* gibbous subcarinate immaculate: *thorax* with a very short subcapitate spine each side before the eyes: *scutel* dusky punctured: *legs* pale.
- Arabs.* Thorax spinous; body ovate, livid: tail 2-toothed.
Inhabits *Jamaica*. *Sloan's Jamaica*. 2. tab. 237. fig. 15. 16.
Body yellowish: spines of the *thorax* tipped with black.
- Serratus.* Thorax spinous: body livid: sides of the abdomen ferrate.
Inhabits *Arabia*. *Mus. Lud. Ulr.* 169.
- Stolidus.* Thorax subangular; body above green, beneath yellow: tail 2-toothed.
Inhabits *India*. *Degeer. Ins.* 3. tab. 34. fig. 3.
Abdomen above blueish with green sides, beneath yellow.
- Histrio.* Thorax rough, depressed, varied with grey and pale.
Inhabits *South America*, *India*, and *Siberia*.
- Silphoides.* Blackish; hind-part of the thorax, fore-part of the scutel with the margin line down the middle and 2 spots white.
Inhabits the *Cape*. *Stoll. Cimic.* tab. 4. fig. 21.

- Diophtalmus*. Red; thorax with 2 black dots: legs azure.
Inhabits *Africa*. *Thunb. Nov. Ins.* 2. p. 30. fig. 45.
Ovate glabrous, nearly as large as the *Scarab. stercorarius*.
- Multipunctatus*. Red; thorax and scutel with numerous minute black specks.
Inhabits the *Cape*. *Stoll. Cimic. tab.* 9. fig. 60.
Body ovate glabrous, beneath grey.
- Grandis*. Rufous; thorax with 3, scutel 5 black spots.
Inhabits *Africa*. *Thunb. Nov. Ins.* 2. fig. 46.
Body oblong glabrous convex, beneath violet.
- Liligerus*. Ferruginous; scutel with 2 black dots and a whitish undulate band.
Inhabits the *Cape*. *Stoll. Cimic. tab.* 9. fig. 59.
- Guttigerus*. Cinereous; scutel with 2 white dots at the base.
Inhabits *Japan*. *Thunb. Nov. Ins.* 2. fig. 47.
- Surinamensis*. Black; scutel with a red appendage: upper-wings reddish, blackish behind.
Inhabits *Surinam*. *Schroet. Act. Natur. tab.* 2. fig. 4.
- Exanthemicus*. Blackish, with crowded white dots above.
Inhabits *Carolina*. *Scop. Ent. Carn.* p. 121. n. 353.
- Torridus*. Brown with bright red dots.
Inhabits *South America*. *Scop. Ann. Hist.* p. 110. n. 109.
- Frischii*. Blackish with hollow dots: upper-wings coriaceous, united: under-wings black.
Inhabits *Germany*. *Frisch. Inf.* 13. p. 26. tab. 24.
Antennæ with 4-joints; snout reddish.
- Schrankii*. Dull ferruginous: beneath yellow: scutel with a yellow keel and yellow spot each side at the base.
Inhabits *Austria*. *Schrank. Natur.* p. 78. §. 32.
- Variiegatus*. Brown: border of the abdomen and legs varied with yellow and brown.
Inhabits *France*. *Geoffr. Ins. par.* 1. p. 467. n. 65.
- Fuscus*. Dark-ferruginous; scutel reaching to the end of the tail.
Inhabits *France*. *Geoffr. Inf. par.* 1. p. 467; n. 66.
- Cuclulatus*

- Cucullatus*. Black, punctured: scutel reaching to the end of the tail.
Inhabits *France*. *Geoffr. Inf. par.* 1. p. 468. n. 67.
- Sagittifer*. Above black, below whitish dotted with black: scutel black dotted with white, arrow shaped behind.
Inhabits *Germany*. *Schæff. Icon. tab.* 41. fig. 1—3.
- Carneus*. Thorax saffron: upper-wings flesh-colour.
Inhabits *Germany*. *Schæff. Icon. tab.* 57. fig. 3.
- Flavoviridis*. Greenish-yellow; tip of the scutel glossy-white.
Inhabits *Germany*. *Schæff. Icon. tab.* 109. fig. 8. 9.
- Carunculator*. Varied with yellow and green: abdomen black edged with yellow: tail with 6 sanguineous tubercles.
Inhabits *Germany*. *Schæff. Icon. tab.* 244. fig. 1. 2.
- ††. *Thorax spinous: body ovate.*
- Taurus*. Grey; spines of the thorax projecting, compressed, truncate.
Inhabits *Coromandel*. *Stoll. Cimic. 2. tab.* 5. fig. 34. Large.
Body beneath yellowish: *legs* dotted with black.
- Cervus*. Green; upper-wings brown edged with white: spines of the thorax obtuse, subbifid.
Inhabits *Cayenne*. *Stoll. Cimic. tab.* 28. fig. 199. Large.
Antennæ ferruginous, the last joint yellow: *thorax* with 2 long rounded black spines: *body* beneath greenish: *legs* ferruginous.
- Dama*. Grey: spines of the thorax obtuse, notched.
Inhabits *East India*: large.
Body grey or yellowish speckled with brown: *under-wings* cinereous spotted with brown: *shield* emarginate: *sternum* short compressed: *sides* of the *abdomen* slightly ferrate.
- Vacc*. Olive; thorax obtusely spinous: antennæ rufous at the base: sternum short compressed: tail 4-toothed.
Inhabits *Guadeloupe*: large.
Antennæ black, the 2 last joints rufous: *thorax* covering the base of the scutel: *scutel* with a raised line down the middle: *body* yellowish: *abdomen* with a line of black dots each side: *legs* yellow.

- Gazella.* Thorax obtusely subspined: body above greenish: head and fore-part of the thorax yellowish; abdomen ferrate.
Inhabits *Martinico*: large.
Head yellowish: *antennae* green: *scutel* channelled down the middle: *upper-wings* green, under-ones dusky: *body* beneath ferruginous: *sternum* short sanguineous: *legs* greenish.
- Tarandus.* Above blue-black: fore margin of the thorax and 3 dorsal lines and tip of the scutel white.
In the *British Museum*: large.
Thorax punctured with a sharp spine each side: *under-wings* black: *body* yellowish: breast and dotted lines on the *abdomen* blue: *legs* blue: *thighs* yellowish.
- Bidens.* Thorax acutely spined: body grey; antennæ rufous.
Inhabits *Europe*. *Degeer. Inf. 3. tab. 15. fig. 9.*
Breast with a few rufous dots.
- Sanguinipes* Brown; scutel whitish at the tip: abdomen spotted at the sides: legs blackish.
Inhabits *Italy*; size of *C. griseus*.
Antennæ black, the last joint pale at the base: spines of the *thorax* obtuse: *scutel* with a yellow spot each side at the base and tip with white: *abdomen* beneath yellow spotted with black, the sides varied with white and black: *legs* rufous.
- Rufipes.* Thorax obtusely spined: grey, legs rufous.
Inhabits *Europe*. *Schæff. Icon. tab. 57. fig. 6. 7.*
Scutel rufous at the tip.
- Luridus.* Thorax obtusely spined: greenish; upper-wings grey with a brown spot: shield emarginate.
Inhabits *England*. *Denovan's English. Ins. iii. plate 98.*
Antennæ brown, the last joint but one tip with white: *thorax* grey on the back: *scutel* greenish at the base, grey at the tip: brown spot on the *upper-wings* terminated by a white dot: sides of the *abdomen* varied with rufous and black: *body* beneath yellowish dotted with black.
- Lentiginosus* Ovate, grey: thorax obtusely spined; upper-wings with brown dots: antennæ brown, 2. 3. 4. joints livid: membrane covered with glandular spots.
Inhabits *Europe*. *Mus. Lesh. p. 118. n. 78. b.*

Multicolor.

Multicolor. Ovate brown: thorax and upper-wings reddish-grey: antennæ annulate with white: thighs and shanks white tipped with black.

Inhabits *Europe*. *Mus. Lesk.* p. 118. n. 78. c.

Custos. Thorax obtusely spined: grey; antennæ yellow with 2 black rings.

Inhabits *Kiel*; size of *C. griseus*.

Head emarginate before: *thorax* punctured: *upper-wings* with an obsolete brown spot near the tip: *under-wings* whitish: *body* beneath yellowish: *abdomen* with a line of black dots each side, the margin spotted with brown: *legs* yellow.

Nigricornis Subferruginous; obtuse spines of the thorax and antennæ black.

Inhabits *Saxony*.

Head sometimes ferruginous, sometimes grey: *legs* pale.

Nigrispinus Above grey; head and obtuse spines of the thorax black: antennæ with a black ring.

Inhabits *China*: size of the last.

Shield emarginate: *scutel* with an interrupted brown line in the middle: *under-wings* white with a brown spot: *body* beneath yellowish.

Ictericus. Oblong; flesh-colour, beneath yellow: thorax sharply spined.

Inhabits *America*. *Antennæ* and *legs* rufous.

**Punctatus.* Thorax subspinous: brown; abdomen variegated at the sides: shanks with a white ring.

Inhabits *Europe*.

Antennæ black: *body* beneath black: *margin* of the abdomen spotted with yellow.

Varius. Thorax obtusely spined; above rufous, beneath yellowish: *scutel* black, the base and tip white.

Inhabits *Spain*; size of *C. albipes*.

Head black with 2 red lines meeting before: *thorax* with a black edge and 2 abbreviated lines: base of the *scutel* white with 3 black spots: *margin* of the *abdomen* spotted with black and rufous, beneath with 3 lines of brown dots: *legs* rufous.

Lunula.

- Lunula.* Thorax obtusely spined; above rufous: thorax with 5 yellowish lines on the fore-part: tip of the scutel and 2 lunules at the base white.
Inhabits *Barbary*; resembles the last:
Antennæ rufous tip with black: *head* with 2 lines which are yellow at the base and red at the tip: *under-wings* whitish: *body* yellowish: margin of the *abdomen* above varied with yellow and black: *legs* yellowish, rufous at the ends.
- Albipes.* Thorax subspinous; above blackish: margin of the thorax and tip of the scutel white.
Inhabits *Italy*; size of *C. punctatus*.
Body beneath pale: *antennæ* varied with white and black: margin of the *abdomen* varied with white and black: *legs* pale.
- Dentatus.* Thorax slightly ferrate: body varied with cinereous and black.
Inhabits *East India*; size of *C. rufipes*.
Head 1-toothed each side: *abdomen* channelled beneath.
- Floridanus.* Black varied with red: scutel with 3 red spots.
Inhabits *America*. *Abdomen* red, black at the sides.
- Armatus.* Thorax sharply spined: scutel black, with 2 testaceous dots and tip: *antennæ* and legs red.
Inhabits *New Holland*.
Head black with 4 yellowish lines: *thorax* black sprinkled with yellowish dots: *upper-wings* subferruginous with yellow lines, under-ones black. *abdomen* ferrate, ferruginous with yellow edge and 3 lines: *legs* rufous: *hind-thighs* ferruginous at the base.
- Hæmorrhoidus.* Black; abdomen rufous: upper-wings with 5 black linear dots.
Inhabits *America*. *Upper-wings*, testaceous
- Bipustulatus.* Black; upper-wings livid: head with 2 scarlet dots.
Inhabits *Surinam*. *Degeer. Inf. 3. tab. 34. fig. 10.*
Under-wings black: *abdomen* rufous.
- Punicus.* Black; scutel with a black lunule and tip.
Inhabits *Africa*. Beneath variegated.
Line on the *thorax* and base of the spines rufous.
- Psilon.* Livid: scutel marked with a yellow y.
Inhabits *Surinam*. *Degeer. Inf. 3. tab. 34. fig. 7. 8.*
Antennæ black with 2 white rings: *upper-wings* with a white dot.

Litteratus. Oblong-ovate; grey: scutel marked with a yellow y: antennæ and legs testaceous.

Inhabits *Surinam*. *Degeer. Inf. 3. tab. 34. fig. 9.*

Is probably only a variety of the last.

Clypeatus. Green with a yellowish band: head shielded.

Inhabits *China*. *Gronov. Zooph. 691.*

Elector. Thorax obtusely spined; above grey beneath yellowish with a black dot: antennæ black with a yellow band before the tip.

Inhabits——— Resembles *C. griseus*, but the *thorax* is spinous
Shield emarginate: *scutel* pale at the tip: *under-wings* black with a pale marginal spot: *legs* grey.

Albicollis. Thorax toothed: above green: head, fore-part of the thorax and base of the scutel yellow.

Inhabits *Jamaica*. *Drury. Inf. 2. tab. 36. fig. 4.*

**Hæmorrhoidalis.* Thorax obtusely spined: body greenish: antennæ black: sternum projecting.

Inhabits *Europe*. *Donovan's English. Inf. vii. tab. 218. fig. 2.*

Abdomen blackish tip with red.

Spinidens. Thorax sharply spined: brown; tip of the scutel and margin of the upper wings white.

Inhabits *Tranquebar*; large.

Body beneath paler: *legs* pale.

Sagitta. Thorax sharply spined and ferrate: grey; under-wings with a black fillet: antennæ and legs yellow.

Inhabits *South American Islands*; middle-sized.

Last joint of the *antennæ* brown: *scutel* tip with yellow: *body* yellowish: margin of the *abdomen* varied with black.

Oculatus. Grey; scutel with 2 yellow dots: fore-tarsi compressed membranaceous at the tip.

Inhabits *China*; size of the last.

Antennæ brown with 2 white rings: *thorax* with a small obtuse spine behind: *under-wings* black: *body* beneath yellow with a brown lateral line: margin of the *abdomen* varied with brown and ferruginous: 4 *hind-legs* pale with black joints.

4 *pustulatus* Thorax obtusely spined, crenate, with 2 rufous dots: scutel with 2 rufous dots at the base.

Inhabits *America*; less than the last.

Shield cleft, all the *wings* brown: beneath cinereous.

Annulatus

- Annulatus*. Grey ; flanks annulate with white,
Inhabits *Virginia* ; large.
Shield oblong emarginate : *body* varied with cinereous and brown,
punctured : *thorax* obtusely spined behind : *scutel* a little con-
tracted in the middle : all the *thighs* with a white band be-
neath : *fore-flanks* with a single white ring, 4 hind-ones
with 2.
- Maculatus*. Thorax obtusely spined with 4 brown spots : greenish ; tip
of the *scutel* and upper-wings brown.
Inhabits *America*.
Antennæ green, reddish at the tip : *head* with 2 pale stemmata :
under-wings pale.
- Pugnax*. Thorax sharply spined : oblong, greenish : *antennæ* ru-
fous.
Inhabits *America* ; small.
Scutel paler : *abdomen* beneath with a line of black dots.
- Emeritus*. Thorax sharply spined : greenish ; abdomen with 2 white
lines.
Inhabits *New Holland* ; small.
Thorax with a small rufous spine each side behind : *scutel* tip
with white : *antennæ* and *legs* greenish.
- Gladiator*. Thorax and *scutel* yellow dotted with black : upper wings
with rough white dots.
Inhabits *America*. *Stoll. Cimic. 2. tab. 2. fig. 12.*
Antennæ varied with yellow and brown : *head* yellow, emargi-
nate at the tip with 2 red stemmata : *under-wings* whitish :
body beneath yellowish.
- Ferrugator*. Above grey : head and sharp spines of the thorax black : ab-
domen ferruginous.
Inhabits *Sweden* ; large.
Head black : first and last joint of the *antennæ* black : *thorax*
with a fine yellow edge : *scutel* yellowish at the tip : *upper-*
wings with a numerous brown dots, under-ones whitish with
a brown arch at the tip : *abdomen* ferruginous : *legs* brown.
- Crenator*. Thorax crenate and spinous : above grey, beneath yel-
lowish.
Inhabits *South American Islands* ; middle-sized.
Antennæ subferruginous : *thorax* cinereous with numerous black
dots : margin of the *scutel* whitish at the tip : *under-wings*
brown : margin of the *abdomen* dotted with brown.

- Furcatus.* Thorax sharply spined, ferrate: body brown: shield pointed, bifid.
Inhabits *Pantagonia*.
Upper-wings dark grey, under-ones whitish: *abdomen* slightly ferrate at the edge: *legs* grey.
- Pugillator.* Thorax sharply spined: brown with a yellow margin, beneath fulvous dotted with black.
Inhabits *Africa*; large.
Spines of the *thorax* yellow: *under-wings* white: *body* beneath fulvous with 6 lines of black dots.
- Perditor.* Thorax sharply spined, greenish with 2 chestnut brown dots and band in the middle: margin of the *abdomen* varied with fulvous and green.
Inhabits *America*; size of *C. victor*.
Antenna green, the joints tipped with brown; *head* greenish with a ferruginous line: *scutel* and *upper-wings* greenish, under-ones whitish spotted with brown.
- Victor.* Thorax sharply spined: brown: *scutel* rufous at the tip: *legs* pale dotted with black.
Inhabits *American Islands*.
Antennae varied with black and pale: *head* ending in a point: *body* above with numerous white specks: *abdomen* ferrate, with a few white raised dots: *tail* with 2 strong sharp black teeth,
- Derillator.* Thorax sharply spined: black; *antennæ* ferruginous: *legs* pale dotted with black.
Inhabits *South American Islands*.
Body above with numerous obsolete pale specks: *under-wings* black: margin of the *abdomen* palish.
- Ciliatus.* Thorax obtusely spined ciliate, black with a yellow margin and band behind: hind-thighs ferrate.
Inhabits *America*.
Antennæ black: *head* black with a rufous stigma: *upper-wings* black: *abdomen* above blue, the sides spotted with red: *body* beneath brown spotted with red.
- Melacanthus.* Thorax with sharp black spines: ferruginous; *abdomen* black with yellowish fillets.
Inhabits *Africa*; small, rough: *legs* yellowish.

Aggressor.

- Aggressor.* Thorax sharply spined: tail 4-toothed: body yellowish; spines the same colour.
Inhabits *New Holland*.
Head with 2 grooves at the tip: spines of the *thorax* subferruginous: *scutel* greenish in the middle: *upper-wings* green with yellow lines, under ones white: *abdomen* with green lines: *legs* yellow.
- Vittatus.* Thorax subspinous: greenish; upper-wings with a yellow fillet near the margin.
Inhabits the *Cape of good hope*.
Antennae ferruginous: *thorax* punctured, the fore-margin yellowish: *scutel* with black impressed dots, dusky at the base and greenish at the tip: *upper-wings* with numerous impressed black dots, under ones white.
- Horatus.* Thorax sharply spined: green; abdomen, ferrate, the denticles black.
Inhabits *East India*; large.
Antennae black: *sternum* projecting compressed obtuse: *abdomen* yellowish with a line of black dots; *legs* yellowish.
- Velox.* Thorax sharply spined with 2 yellow dots: upper-wings with a yellow dot at the base and streak at the tip.
Inhabits *America*. Above cinereous, beneath reddish.
Thorax narrowed before, edged with yellow: *upper-wings* ferruginous: *thighs* ferrate.
- Transversus.* Green; head and fore-part of the thorax yellow.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 40. fig. 53.
- Humeralis.* Green; upper-wings yellow at the base.
Inhabits—*Thunb. nov. Inf.* 2. p. 40. fig. 54.
- Subulatus.* Greenish; scutel with a raised subulate line.
Inhabits—*Thunb. Nov. Inf.* 2. p. 41. fig. 55.
- Gemma.* Cinereous; scutel with a yellow line.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 41. fig. 56.
- Reticulatus.* Cinereous varied with black: thorax ferrate.
Inhabits *Africa*. *Stoll. Cimic. tab.* 16. fig. 111.
- Fallo.* Black speckled with white: head and thorax with a white line.
Inhabits *Japan*. *Thunb. Nov. Inf.* 2. p. 42. fig. 57.
- Tibialis.*

- Tibialis.* Chestnut-brown with white and brown lines: scutel with 3 white spots.
Inhabits——*Thunb. Nov. Inf. 2. p. 43. fig. 58.*
- Sulcatus.* Cinereous clouded with brown: abdomen grooved.
Inhabits *Inaia.* *Stoll. Cimic. tab. 6. fig. 47.*
- Porphyrop-
terus.* Yellow-green; thorax angular: upper-wings pale purple: antennæ black: legs rosy.
Inhabits *Europe.* *Degeer. Inf. 3. tab. 13. fig. 152.*
- Pustulatus.* Rufous with scattered yellowish spots: thorax angular: scutel long.
Inhabits *India.* *Degeer. Ins. 3. tab. 34. fig. 2.*
- Leucostictos* Yellow-grey; thorax sharply spined and scutel with hollow black dots: upper-wings with raised white dots.
Inhabits *Surinam.* *Degeer. Ins. 3. tab. 34. fig. 6.*
- Pensylvani-
cus.* Entirely green: thorax angular.
Inhabits *Pensylvania.* *Degeer. Inf. 3. tab. 34. fig. 5.*
- Austriacus.* Ferruginous; scutel divided, with a black band.
Inhabits *Austria.* *Schrank. Natur. tab. 3. fig. 16.*

††† *Thorax spinous; body oblong.*

- **Margina-
tus.* Thorax obtusely spined: abdomen margined, acute: antennæ rufous in the middle.
Inhabits *Europe.* *Stoll. Cimic. 2. tab. 5. fig. 37.*
Coreus marginatus. *Fabricius. 4. p. 126. n. 1.*
- Scapha.* Thorax obtusely spined: abdomen margined acute spotted with white: head 2-spined before,
Inhabits *Germany.* *Coreus scapha.* *Fabricius. 4. p. 127. n. 2.*
First joint of the antennæ grey, second entirely, third sanguineous at the base; third at the tip and fourth black: body above grey: under-wings white.
- Spiniger.* Thorax obtusely spined and toothed: head 4 spined.
Inhabits *Italy.* *Coreus spiniger.* *Fabricius. 4. p. 127. n. 3.*
Antennæ rufous, the first joint spinous at the tip cinereous, the last black: thorax grey-brown, 2-toothed behind: scutel grey with a white dot at the tip: upper-wings grey, whitish at the base: under-wings brown: margin of the abdomen spotted with white.

Venator.

- Venator.* Thoaax obtusely spined: dull grey; beneath yellowish: antennæ and legs ferruginous.
Inhabits *Italy*. *Coreus venator*. *Fabricius*. 4. p. 128. n. 4.
Antennæ ferruginous, the last joint brown: *body* above with numerous black specks: *under-wings* whitish.
- Bellator.* Above brown, beneath yellowish: antennæ black annulate with white.
Inhabits *Cayenne*. *Coreus bellator*. *Fabricius*. 4. p. 128. n. 5
Scutel tipped with black: *abdomen* fulvous above, the margin brown spotted with white: *legs* yellowish.
- Armiger.* Thorax sharply spined: grey; scutel with 2 pale dots: antennæ and legs pale.
Inhabits *Africa*. *Coreus armiger*. *Fabricius*. 4. p. 128. n. 6.
Body above with numerous black impressed dots: *abdomen* pale with 2 brown fillets.
- Lanciger.* Thorax sharply spined: yellowish; hind-part of the thorax and upper-wings brown, the latter with a white band.
Inhabits *Guinea*. *Coreus lanciger*. *Fabricius*. 4. p. 128. n. 7.
Antennæ ferruginous, the last joint palish: *head* yellow: *body* beneath yellowish dotted with black: *legs* dotted with black.
- Hastator.* Thorax sharply spined: dull grey; margin of the abdomen whitish dotted with black.
Inhabits *Guinea*. *Coreus hastator*. *Fabricius*. 4. p. 129. n. 8.
Head brown: *antennæ* pale: *thorax* with a long black spine: *legs* pale dotted with black.
- Scorbuticus.* Thorax obtusely spined: brown; hind-legs dotted with black.
Inhabits *America*. *Coreus scorbuticus*. *Fabricius*. 4. p. 129. n. 9.
Antennæ filiform pale with a sharp spine at the base: *abdomen* above red, the margin black with pale spots, beneath brown with 3 reddish lines obsoletely dotted with black.
- 2-maculatus.* Thorax sharply spined: grey; scutel with 2 white callous dots.
Inhabits *India*. *Coreus 2-guttatus*. *Fabricius*. 4. p. 129. n. 10.
Small. *Head* and *thorax* mixed yellow and brown: *abdomen* with a black line down the middle: *legs* yellow immaculate.

Derilator.

Derilatus. Thorax sharply spined: yellowish dotted with black: hind-part of the thorax and upper-wings brown.

Inhabits *Cayenne*. *Coreus derilator*. *Fabricius*. 4. p. 130. n. 11.

Small. *Antennae* brown, the joints tipped with yellow: *head* with 2 stemmata: *thorax* yellow before with brown dots: *body* with 4 lines of black dots: *tail* immaculate: *legs* yellow dotted with black.

Defensor. Thorax sharply spined: tail 4-toothed: body green; the spines black.

Inhabits *New Halland*. *Coreus defensor*. *Fabric*. 4. p. 130. n. 12.

Head with 2 grooves at the tip: *scutell* black: all the wings brown: *tail* with 4 black teeth, the lateral ones larger: *legs* pale: *thighs* dotted with black.

Pugnator. Thorax sharply spined; oblong; above brown, beneath yellowish: antennæ rufous tipped with black.

Inhabits *Tranquebar*. *Coreus pugnator*. *Fabric*. n. 13.

Size of the last: tip of the antennæ clavate.

Fasciculatus. Thorax subspinous; cinereous: under-wings brown: legs with fasciculate hairy tubercles.

Inhabits *Africa*. *Coreus fasciculatus*. *Fabric*. 4. p. 130. n. 14.

Body entirely grey except the under-wings.

Insidiator. Thorax sharply spined: above rufous, beneath yellowish.

Inhabits *Barbary*. *Coreus insidiator*. *Fabric*. 4. p. 130. n. 15.

Last joint of the antennæ brown: under-wings whitish: thorax with a sharp spine behind.

Calumniator. Thorax sharply spined: ashy-brown, beneath yellowish; striate with black dots.

Inhabits *India*. *Coreus calumniator*. *Fabricius*. n. 16.

Antennae ferruginous: under-wings white: abdomen with 6 lines of black dots and 4 beneath.

Hirticornis. Thorax sharply spined and ferrate: reddish; antennæ hairy: hind-thighs ferrate.

Inhabits *Barbary*. *Coreus hirticornis*. *Fabricius*. n. 17.

Antennae rufous, the last joint brown: head and thorax hairy, the outer and hind-margin of the thorax sharply ferrate: under-wings whitish: abdomen above rufous, black at the base, beneath yellowish, the margin toothed and dotted with black: legs yellowish, the hind-ones reddish.

Salicicornis.

- Sulcicornis*. Thorax obtusely spined: above rufous, beneath yellowish: antennæ triangular: abdomen nearly square.
Inhabits *Barbary*. *Coreus sulcicornis*. *Fabricius*. 4. p. 132. n. 18.
Three first joints of the antennæ triangular grooved rufous, the last ovate brown: thorax with a fine yellow margin: abdomen black at the base.
- Rhombeus*. Thorax shurdly spined: abdomen dilated, rhombic, 6-toothed behind.
Inhabits *Africa*. *Coreus rhombea*. *Fabricius*. 4. p. 132. n. 19.
Body above grey, beneath yellowish: antennæ purple.
- Quadratus*. Thorax obtusely spined: above brown, beneath yellowish: abdomen square.
Inhabits *Germany*. *Stoll*. *Cimic*. 2. tab. 5. fig. 36.
Antennæ cinereous at the base, rufous in the middle and tip with brown: thorax rough with a white margin: abdomen depressed flat angular each side.
- Hastatus*. Thorax sharply spined and toothed: upper-wings dusky with a white streak behind.
Inhabits *Tranquebar*. *Coreus hastatus*. *Fabric*. 4. p. 132. n. 21.
Thorax armed with numerous sharp denticles.
- Gravidator*. Thorax ferrate: cinereous; margin of the upper-wings dotted with black: under-wings white: antennæ brown.
Inhabits *America*. *Coreus gravidator*. *Fabric*. 4. p. 133. n. 22.
- Valgus*. Thorax spinous and ferrate: hind-thighs incurved and with the thanks 1-toothed.
Inhabits *Africa*. *Lygæus valgus*. *Fabric*. 4. p. 133. n. 1.
Body oblong black: base of the abdomen sometimes unarmed and sometimes 4-toothed.
- Serratulus*. Head thorax and abdomen ciliate with spines: body black.
Inhabits *America*. *Lygæus ferratus*. *Fabric*. 4. p. 134. n. 2.
Large. Disk of the abdomen beneath dull rufous.
- Tenebrosus*. Thorax slightly ferrate: hind-thighs incurved and clavate: abdomen 3-spined at the base.
Inhabits *India*. *Lygæus tenebrosus*. *Eabric*. 4. p. 135. n. 6.
Body brown: flanks ferrate within and 1-toothed.

Merianæ. Thorax subspinous: upper-wings brown reticulate with white: base of the abdomen spinous.

Inhabits *Surinam*. *Merian Surinam: tab. 51.*

Head black spotted with white: *thorax* black with a white marginal line: *abdomen* above blueish with 2 marginal rufous dots on each segment, except the first which has but one, and the last which is immaculate: *tail* with 2 prominent horns: *breast* varied with yellow and black: *abdomen* beneath yellow spotted with black: *hind-shanks* tuberculate.

Grossipes. Thorax ferrate with red lines: hind-thighs thickened and with the base of the abdomen rough with subspinous points: shanks 1-toothed

Inhabits *Tranquebar*. *Lygæus grossipes. Fabricius. n. 4.*

Head black with a rufous line down the middle: *thorax* rough with black dots: *upper-wings* dusky with reddish veins and margin: *scutel* black with a red line: *under-wings* black.

Tragus. Thorax with compressed lunate ferrate spines: hind-shanks membranaceous and ferrate.

Inhabits *China*. *Lygæus tragus. Fabricius. 4. p. 135. n. 5.*

Head ca,inate: *thorax* pale brown with darker raised dots, each margin dilated into a spine: *upper-wings* pale brown with a small darker dot in the middle: *legs* brown: *hind-thighs* thickened and toothed.

Fulvicornis Thorax spinous and ferrate: brown; thighs 2-toothed; the hind-ones many-toothed.

Inhabits *India*. *Lygæus fulvicornis. Fabric. n. 7.*

Large, *antennae* and *legs* ferruginous.

Incubitor. Thorax obtusely spined, ferrate and snowy before the margin: body grey

Inhabits *Carolina*. *Lygæus incubitor. Fabricius. n. 8.*

Large depressed: *thorax* with a few white lines: *legs* black: *shanks* with a large pale ring.

Heros. Thorax obtusely spined and ferrate: brown; hind-thighs clavate toothed: shanks membranaceous ferrate.

Inhabits *India*. *Lygæus heros. Fabricius. 4. p. 136. n. 9.*

Very large. *Antennae* subferruginous: *thorax* with a strong ferrate spine behind: 4 *fore-legs* piceous, the hind-ones black.

Femoratus.

- Femoratus.* Thorax slightly ferrate: hind-thighs incurved, toothed: hind-shanks compressed.
Inhabits *India*. *Lygæus femoratus*. *Fabricius*. n. 10.
Antennæ ferruginous: *front* pointed: *thorax* black rough: *fore-shanks* rufous, hind-ones compressed margined unarmed.
- Curvipes.* Thorax sharply spined: all the thighs 2-toothed at the tip, the hind-ones incurved.
Inhabits *Africa*. *Lygæus curvipes*. *Fabricius*. 4. n. 11.
Body brown; middle of the *abdomen* paler: *antennæ* black, the lost joint rufous: *thorax* rufous: *upper-wings* dull reddish, under-ones black: *shanks* unarmed.
- Magnipes.* Dusky; thorax ferrate: thighs many-spined, the hind-ones thickened.
Inhabits *China*. *Lygæus clavipes*. *Fabricius*. 4. p. 137. n. 12.
Head and *thorax* with a few raised obtuse tubercles: *upper-wings* rough with a pale spot towards the tip: *shanks* compressed, ferrate at the tip.
- Dentator.* Dusky; thorax ferrate: hind-thighs toothed: shanks pale.
Inhabits *Italy*. *Lygæus dentator*. *Fabricius*. 4. p. 138. n. 13.
Antennæ short hairy: *under-wings* black: *abdomen* beneath yellowish, the margin carinate black spotted with yellow.
- Pictor.* Ochraceous; thorax sharply spined and ferrate: upper-wings speckled with black.
Inhabits *India*. *Lygæus pictor*. *Fabric.* 4. p. 138. n. 14.
Large. *Antennæ* ferruginous, as long as the body: *thorax* with a sharp ferrate spine behind: *under-wings* striate black: *legs* simple ferruginous: *thighs* 1-toothed at the tip.
- Compressicornis.* Thorax spinous and ferrate, with ocellar black spots: body black: last joint of the *antennæ* compressed, white at the base.
Inhabits *Cayenne*. *Lygæus compressicornis*. *Fabric.* n. 15.
Large. *Thorax* with numerous black raised dots surrounded with a blue ring: *upper-wings* blackish with a deep black ocellar spot in the middle: *body* olive: *legs* simple.
- Phyllips.* Thorax immaculate blackish: upper-wings with a whitish band: hind-shanks membranaceous and toothed.
Inhabits *America*. *Stoll. Cimic.* 2. tab. 8. fig. 54.

- Membrana-cens.* Thorax sharply spined, black with a yellow band: hind-shanks membranaceous and toothed.
 Inhabits *St. Iago*. *Stoll. Cimic. tab. 10. fig. 73.* small.
Antennæ varied with rufous and black: *head* black with a small ferruginous dot and 2 lines at the base, a pale band beneath: *thorax* slightly ferrate: *scutel* black with a yellow dot at the tip: *upper-wings* black with a yellow dot in the middle: *body* beneath blackish with red dots: *thighs* ferrate: *hind-shanks* with a membranaceous appendage each side, the outer 2-toothed, inner with a yellow dot.
- Auctus.* Thorax subspinous black with 2 fulvous spots: upper-wings with a yellow band: hind-shanks membranaceous yellow.
 Inhabits *America*. *Lygæus auctus. Fabricius. n. 18.*
Antennæ varied with rufous and black: fulvous spots on the *thorax* dotted with black: *upper-wings* with fulvous striæ.
- Gonagra.* Thorax subspinous with a white band: upper-wings brown with a cinereous dot: hind-shanks membranaceous and toothed.
 Inhabits *America*. *Lygæus gonagra. Fabricius n. 19.*
Antennæ varied with black and ferruginous: *head* black with 3 fulvous lines: beneath rufous: *breast* cinereous dotted with black: *abdomen* with black lines: *legs* as in the last.
- Kermesinus.* Thorax subspinous: rufous with a whitish band dotted with black: hind-thighs many-toothed.
 Inhabits *Surinam*. *Degeer. Inf. 3. tab. 34. fig. 15.*
- Australis.* Black; thorax subspinous with a red band before: hind-shanks membranaceous.
 Inhabits *Otabeite*. *Lygæus australis. Fabricius. n. 21.*
Antennæ black, the third joint with a rufous ring: *body* beneath black striate with rufous spots: *thighs* rough, ferrate.
- Cruciger.* Above black; thorax sharply spined with ferruginous lines: upper-wings with a ferruginous cross.
 Inhabits *Brazil*. *Lygæus cruciger. Fabric. n. 22.*
Body very oblong: *head* ferruginous, the hind-margin black: *thorax* rough: *scutel* edged with ferruginous: inner edge of the *upper-wings* sanguineous: *abdomen* and *legs* ferruginous.

- inclatus*. Oblong, rufous : thorax sharply spined : upper-wings black with a ferruginous cross.
Inhabits *Brasil*. *Lygæus sanctus*. *Fabricius*. 4. p. 141. n. 23.
Antennæ rufous, the last joint brown : *snout* tip with black : upper-wings black with a broad ferruginous line, under-ones brown : *abdomen* fanguineous with a few black dots : *hind-thighs* ferrate, with a few black raised dots.
- lætus*. Green ; upper-wings and abdomen with a yellow band : head and thighs yellow.
Inhabits *Cayenne*. *Lygæus lætus*. *Fabricius*. 4. p. 141. n. 24.
Large, oblong. *Antennæ* black : *thorax* rough : *body* beneath green with a broad yellow band on the abdomen : *legs* black.
- lunatus*. Black ; thorax with a white curve before : upper-wings with a white band : body spotted with white
Inhabits *Cayenne*. *Lygæus lunatus*. *Fabricius*. n. 25.
Head brown with a white line each side : *legs* brown.
- elatus*. Thorax sharply spined, green with a ferruginous edge : upper-wings striate, green : body ferruginous.
Inhabits *Cayenne*. *Lygæus elatus*. *Fabricius*. n. 26.
Antennæ black with a large white ring : *head* ferruginous varied above with black, the base green : *breast* with green spots each side : *legs* ferruginous : *hind-thighs* with a black ring and joints.
- alteatus*. Thorax subspinous : ferruginous ; upper-wings with a transverse yellow line : hind-thighs many-toothed.
Inhabits *South America*. *Drury*. *Inf.* 1. tab. 43. fig. 3.
- venosus*. Thorax subspinous : ferruginous ; upper-wings black with ferruginous veins and tip.
Inhabits *Cayenne*. *Lygæus venosus*. *Fabricius*. n. 28.
Body small oblong : *antennæ* and 2 vertical lines black : *scutellum* black with ferruginous margin and line in the middle : *under-wings* black : *legs* pale : *thighs* annulate with black.
- sinuatus*. Livid ; thorax sharply spined : hind-shanks compressed sinuate black.
Inhabits *Cayenne*. *Lygæus sinuatus*. *Fabricius*. n. 29.
Antennæ brown ; the last joint palish : sides of the *abdomen* ciliate with long curved spines.

- Serripes*. Rufous ; thorax sharply spined : hind-thighs toothed.
Inhabits *New Holland*. *Lygæus serripes*. *Fabricius*. n. 30.
Antennæ rufous, the last joint pale : *head* with a yellow line each side beneath : *thorax* with a black spine behind : *scutel* with a yellow dot at the tip : *breast* and *abdomen* rufous with a yellow lateral line.
- Dentipes*. Body long ; hind-thighs long ferrate : brown, the sides white beneath.
Inhabits *Africa*. *Lygæus dentipes*. *Fabricius*. n. 31.
- Linearis*. Long, brown : thorax sharply spined : hind-thighs long, toothed.
Inhabits *China*. *Lygæus linearis*. *Fabricius*. 4. p. 144. n. 34.
Antennæ filiform long : *body* beneath with a broad yellow line each side : *abdomen* with a small white line at the base : *shanks* incurved.
- Grenulatus*. Thorax toothed, rufous with a black spot : hind-thighs toothed : body black.
Inhabits *America*. *Drury*. *Inf.* 1. tab. 45. fig. 1.
Head black with red lines : *abdomen* dotted with red.
- 4-spinosus*. Long, red : thorax 4-spined.
Inhabits *America*. *Degeer*. *Inf.* 3. tab. 35. fig. 7.
Antennæ long filiform : *legs* long red.
- Spinifex*. Linear, cinereous ; scutel 2-spined.
Inhabits——*Thunb. Nov. Inf.* 2. p. 33. fig. 48.
- Setosus*. Grey ; thorax head and legs spined.
Inhabits *America*. *Thunb. Nov. Inf.* 2. p. 33.
- Acutus*. Linear, cinereous : thorax edged with white : abdomen with 6 black dots.
Inhabits——*Thunb. Nov. Inf.* 2. p. 34.
- Clavatus*. Ferruginous ; hind-thighs thick : scutel immaculate.
Inhabits *Japan*. *Thunb. Nov. Inf.* 2. p. 34. fig. 49.
- Jaculus*. Linear, brown : hind-thighs thick spinous : scutel with a white line.
Inhabits——*Thunb. Nov. Inf.* 2. p. 34. n. 50.
- Pilosus*. Linear, ferruginous : head with a whitish line, breast with a lateral one.
Inhabits——*Thunb. Nov. Inf.* 2. p. 35.

Villosus.

- Villosus*. Piceous, villous, covered with spinous tubercles.
Inhabits——. *Stoll. Cimic. tab. 13. fig. 90.*
- Crux*. Black ; thorax yellow with a black cross.
Inhabits *Africa*. *Stoll. Cimic. tab. 9. fig. 65.*
- Pungens*. Above brown, beneath whitish : breast and sides of the abdomen dotted with black.
Inhabits the *Cape*. *Thunb. Nov. Inf. 2. p. 36.*
- Notatus*. Above ferruginous, beneath cinereous : abdomen with 6 rows of black dots.
Inhabits the *Cape*. *Thunb. Nov. Inf. 2. p. 37.*
- Trigonus*. Testaceous ; upper-wings and scutel with a white dot.
Inhabits *Japan*. *Stoll. Cimic. tab. 11. fig. 78. 79.*
- Muricatus*. Cinereous, muricate : hind-thanks dilated at the base.
Inhabits the *Cape*. *Thunb. Nov. Inf. 2. fig. 51.*
- Unipunctatus*. Testaceous ; upper-wings with a black dot.
Inhabits *Japan*. *Thunb. Nov. Inf. 2. p. 38. fig. 52.*
- Thoracicus*. Green-gold ; margin of the thorax yellow.
Inhabits *India*. *Stoll. Cimic. tab. 8. fig. 55. A.*
- Analus*. Green ; abdomen red : tail black.
Inhabits *India*. *Stoll. Cimic. tab. 10. fig. 72. B.*
- Fuscus*. Rusty-brown : antennæ and legs hairy.
Inhabits——. *Thunb. Nov. Inf. 2. p. 44.*
- Sordidus*. Cinereous ; thorax denticulate : antennæ and legs rough with hairs.
Inhabits *Japan*. *Thunb. Nov. Inf. 2. p. 44.*
- Senegalen-sis*. Thorax sharply spined, yellow with blackish spots : scutel striate with green, yellow behind : upper-wings blackish above with oblique green streaks, brown behind with longitudinal black ones : body red, the margin spotted with black.
Inhabits *Senegal*. *Drury. Inf. 2. p. 70. tab. 38. fig. 4.*
Tail denticulate : under-wings cinereous reticulate with black.

Bidentatus.

- Bidentatus*. Long, brown; snout curved: thorax 2-toothed.
Inhabits France. *Geoffr. Inf. par.* 1. p. 438. n. 6.
- Leviathan*. Flat, brown: thorax winged: head horned before: antennæ very short, thick.
Inhabits France. *Geoffr. Inf. par.* 1. p. 439. n. 9.
- Rostratus*. Brown, immaculate: thorax obtusely angled each side: head 2-toothed between the antennæ.
Inhabits France. *Geoffr. Inf. par.* 1. p. 446. n. 21.
- Acutangulus*. Rufous immaculate: thorax acutely angled each side, the margin smooth.
Inhabits France. *Geoffr. Inf. par.* 1. p. 447. n. 22.
- Immaculatus*. Rufous immaculate: thorax acutely angled each side, the margin spinous.
Inhabits France. *Geoffr. Inf. par.* 1. p. 447. n. 23.
- Tigripes*. Above brown, beneath grey: thighs toothed and spotted with black.
Inhabits Surinam. *Degeer. Inf.* 3. tab. 34. fig. 12.
- Chalybeus*. Black, bronzed, immaculate.
Inhabits Europe. *Mus. Lesk.* p. 118. n. 78. d.
- Beryllinus*. Thorax obtusely spined and toothed each side: tips of the spines and bifid shield greenish-blue.
Inhabits Europe. *Mus. Lesk.* p. 118. n. 79.
- Adustus*. Thorax sharply spined: head, tip of the spines, middle of the scutel; upper-wings each side at the base of the scutel and external edges of the membranes black.
Inhabits Europe. *Mus. Lesk.* p. 118. n. 80.
- Bidens*. Thorax obtusely spined: inner and hind-margin of the upper-wings and 2-toothed tail sanguineous; upper-wings pale.
Inhabits Europe. *Mus. Lesk.* p. 118. n. 81.
- Bilobus*. Thorax obtusely 2 toothed: upper-wings grey dotted or reddish: tail 2-lobed.
Inhabits Europe. *Mus. Lesk.* p. 118. n. 82.

Distinctus.

Distinctus. Thorax obtusely spined, beneath yellow : above and antennæ ferruginous.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 83.

Rubricornis Thorax rough, obtusely spined : antennæ rough scarlet, the last joint black.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 84.

Aculeatus. Grey ; tips of the spines and second and third joints of the antennæ black.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 85.

Conspersus. Thorax obtusely spined with 2 impressed dots before : abdomen dotted with black each side beneath : tail with a black spot.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 86.

++++ Thorax unarmed : body ovate.

Aurantius. Orange ; head, fore-margin of the thorax, marginal spots on the abdomen and legs black.
Inhabits *Java*. *Stoll. Cimic.* 2. tab. 6. fig. 39.
Large. Head and antennæ black : upper-wings with a brown spot in the middle, under-ones brown.

Punctum. Above blackish : thorax orange behind : upper-wings white with a black dot.
Inhabits *Java*. *Stoll. Cimic.* 2. tab. 6. fig. 40.
Large. Thorax orange, the fore-margin black : scutell reddish at the tip.

Melanopus. Above sanguineous ; scutell with 2 black spots, upper-wings with a single one.
Inhabits *India*. *Stoll. Cimic.* 2. tab. 2. fig. 10.
Large. Head black : tip and margin of the thorax blackish : under-wings black : body beneath yellow : breast with a blueish dot : base of the abdomen and dot each side the segments blueish : snout and legs black.

Uerti. Testaceous ; head, hind-part of the thorax, fore-part of the scutell, band on the upper-wings, under-wings and legs blue.
Inhabits Woods of *Guinea* ; large.
Antennæ black : body testaceous with lateral blue spots.

- Papillofus.* Olive ; antennæ black : sternum gibbous, compressed.
 Inhabits *Sierra Leona*. *Stoll. Cimic. 2. tab. 1. fig. 2.*
 Large. *Abdomen* above blue, beneath brown with a line of raised dots each side : *legs* grey, brown at the ends.
- Rubens.* Red ; head, fore-part of the thorax and scutel greenish : margin of the abdomen spotted with yellow.
 Inhabits *India* ; size of *C. papillofus*.
Antennæ hairy, black, the last joint a little reddish at the tip : head blackish at the end : *scutel* with a yellowish dot at the tip : *abdomen* red, the last segment green.
- Janus.* Sanguineous ; head, base of the scutel and under-wings black.
 Inhabits *America*. *Stoll. Cimic. 2 tab. 6. fig. 41.*
Thorax rufous, the first segment black with an elevated and rufous edge : *abdomen* black, rufous at the sides : *legs* black.
- Obscurior.* Brown ; thorax, upper-wings and scutel dull olive : last joint of the antennæ yellow.
 Inhabits *India*. *Cimex obscurus. Fabricius. n. 106.*
 Fore-margin of the *thorax* brown : margin of the *abdomen* with obsolete yellow dots.
- Torquatus.* Green ; head and fore-part of the thorax yellowish.
 Inhabits *India* ; size of *C. juniperinus*.
Antennæ variegated with rufous and green.
- Rutilans.* Brassy-green ; thorax with a sanguineous band on the fore-part : tip of the scutel and fore-part of the upper-wings yellowish.
 Inhabits *Africa*. *Stoll. Cimic. 2. tab. 18. fig. 122.*
 Large. *Antennæ* black : *under-wings* bronzed : *body* beneath yellowish : *abdomen* with lateral blue dots : *legs* black.
- Guttatus.* Brassy-green with whitish dots : fore-shanks dilated membranaceous.
 Inhabits *Siam* ; large.
Head with a whitish dorsal line and margin : *under-wings* black : margin of the *abdomen* varied with white and green : *body* beneath yellowish with green streaks and dots : *shanks* black with a white ring.
- Viridulus.* Above yellow with green dots ; beneath green.
 Inhabits *India* and *South America*.

Peregrinator.

- Peregrinator*. Depressed ; varied with grey and pale : thorax rough.
Inhabits *America*. *Mus. Lud. Ubr.* 173.
- Bipunctatus* Pale grey ; scutel with a white dot each side at the base.
Inhabits *Syria*. *Mus. Lud. Ubr.* 174.
- * *Prasinus*. Green immaculate : last joint of the antennæ rufous tipped with black.
Inhabits *Europe*. *Donovan's Eng. Inf.* iv. tab. 123.
Antennæ sometimes entirely rufous : lower margin of the *thorax* rufous : *abdomen* above black, the margin spotted with yellow : *body* beneath yellowish : *legs* yellow.
- Diffimilis*. Above green ; beneath ferruginous.
Inhabits *Germany* : *legs* greenish.
- * *Juniperinus*. Green, the margin all round and tip of the scutel yellow.
Inhabits *Europe*. *Degeer. Inf.* 3. tab. 15. fig. 1. 2.
- Smaragdulus*. Green ; scutel with 3 yellow dots at the base.
Inhabits *Madeira*.
First joint of the *antennæ* green tipped with brown, second brown at the base, the third brown : margin of the *thorax* yellowish : *abdomen* with a yellow line : *legs* yellowish.
- Azureus*. Dull green : mouth and legs yellowish.
Inhabits *Guinea* ; middle-sized.
Middle of the *abdomen* yellowish with black dots : *thighs* with a broad black ring.
- Beryllus*. Pale ; margin of the thorax orange : upper-wings with a ferruginous spot and marginal black lines.
Inhabits *East India* ; middle-sized.
First and second joints of the *antennæ* pale, 3 pale at the base and tipped with black, 4. 5. pale at the base and ferruginous at the tip : *head* with 2 flexuous black streaks : *thorax* dotted with black : *abdomen* black, the margin above with rufous lines : *legs* black.
- Calidus*. Above brown ; beneath testaceous : antennæ black.
Inhabits *Sierra Leona* ; middle-sized.
Head testaceous ; *thorax* a little testaceous before with a fine blackish outer margin : *under-wings* striate black : *abdomen* above blue.

- Lynx*. Greenish ; margin of the abdomen with ocellar black spots. Inhabits *Hungary*. Pupil of the spots white : beneath greenish.
- Cælebs*. Grey-brown : scutel with 3 yellowish spots and tip. Inhabits *New Holland* ; middle-sized. *Antennæ* brown, reddish at the base : *abdomen* above black with a whitish edge, beneath white with a broad black line each side meeting near the tail : *breast* black, white in the middle : *thighs* and *shanks* pale tip with black.
- Iratus*. Green-brown ; thorax with a yellow band. Inhabits *Cayenne* : small. *Antennæ* black, the joints white at the base and tip : *body* beneath yellowish : *breast* with 3 black dots : *legs* yellow.
- **Dumofus*. Dusky with a rufous dorsal line, 2 dots on the scutel and ring on the shanks. Inhabits *Europe*. *Head* with a red line reaching to the end of the scutel : *fore-thighs* 1-toothed.
- Tripunctatus*. Yellowish : head with 3 black lines : scutel with 3 black dots. Inhabits *America*. *Antennæ* brown : middle line on the head bifid : *thorax* with 4 black dots before : margin of the *abdomen* varied with yellow and black.
- Atomarius*. Varied with grey and brown : under-wings white dotted with brown. Inhabits the *Island Terre neuve* in *America*. Joints of the *antennæ* pale at the base and tip with black : *abdomen* yellowish dotted with black.
- Nubilus*. Varied with grey and black : under-wings white striate with black. Inhabits the *Cape of good hope* ; small. *Antennæ* black : *head* with 4 black lines : *thorax* speckled with black, the dorsal line immaculate : *scutel* black at the base, the tip and line down the middle grey : *upper-wings* variegated, with a reddish blotch in the middle : *body* beneath glaucous dotted with black : margin of the *abdomen* reddish.
- Tristriatus*. Yellowish ; upper-wings with an ocellar black spot at the tip : abdomen with 3 white lines. Inhabits *Italy* ; small. *Upper-wings* reddish at the base : *legs* yellowish.

6-punctatus.

punctatus Varied with yellow and black: thorax yellow with 6 black dots.

Inhabits *America, India and Siberia.*

All the *wings* black with a transverse yellow band.

signatus. Grey; scutel with a black fillet.

Inhabits *Sierra Leona*; large.

Gravis. Brown; scutel with 2 yellow dots: upper-wings with a black dot.

Inhabits *New Zealand*; middle-sized.

Body when magnified ferruginous with numerous black dots: *head* with 2 grooves: *scutel* yellowish at the tip: *under-wings* striate black: *body* beneath yellowish: *hind-thighs* tipped with black.

Meditabundus. Above green; upper-wings brown: beneath yellowish.

Inhabits *South America.*

Antennæ yellowish: margin of the *thorax* a little yellowish: *under-wings* black.

Forskablii. Green; margin of the thorax and abdomen sanguineous.

Inhabits the *East.* *Scutel* yellowish at the tip.

Hybneri. Greenish; thorax with a sanguineous band.

Inhabits *Tranquebar.* *Cimex rubrofasciatus.* *Fabricius.*

Body beneath yellowish: *thorax* darker behind.

Meladonius. Greenish; scutel yellowish with 2 white dots at the tip.

Inhabits the *East.*

Head yellowish: *antennæ* tipped with brown: *thorax* yellowish before: *upper-wings* with a yellowish streak before the margin, under-ones white.

Agathinus. Punctured, yellowish: scutel with a black band: abdomen above black: tail rosy.

Inhabits *Germany*; size of the last.

Antennæ yellowish, the last joint tipped with black: *thorax* with an obsolete rosy spot: *upper-wings* with slight rosy spots: margin of the *abdomen* yellowish with black bands: *body* beneath and *legs* yellowish.

Lituratus.

Lituratus. Green speckled with brown: thorax with a sanguineous band: upper-wings with a sanguineous blotch.
Inhabits *Italy*; resembles *C. Hybneri*.
Antennæ reddish: *body* above with numerous impressed brown dots: *abdomen* above black, beneath yellowish, with a line of black dots each side.

Cruentus. Green; margins of the thorax and abdomen antennæ and legs ferruginous.
Inhabits *Surinam*.
Body beneath yellow with alternately abbreviated black streaks.

Geniculatus Dusky; margin of the thorax and abdomen yellowish: tail and joints of the legs ferruginous.
Inhabits *Cayenne*; large.
Thorax with a few impressed dots before, the margin at the base yellowish: *scutel* black, the tip a little reddish: *body* black, with obsolete rufous spots at the base of the abdomen.

Mixtus. Punctured, grey spotted with black: margin of the abdomen black with yellow dots.
Inhabits *Cayenne*; large.
Antennæ brown, the joints pale at the base and tip: *body* speckled with impressed dots, and besides these a large marginal spot each side on the thorax, another on the scutel and one in the middle of the upper-wings: beneath yellowish; *legs* variegated:

Picus. Grey; antennæ and shanks black annulate with white.
Inhabits *India*; size of *C. griseus*.
Antennæ black, the third joint with a white ring at the base: *body* above grey with minute black specks, beneath yellowish with a black bronzed lateral line: *thighs* yellow dotted with black.

Tripterus. Varied with yellow and rufous: antennæ black, the last joint tipped with white.
Inhabits *Cayenne*; a little less than the last.
Body beneath yellow with brown marginal spots: *legs* variegated.

* *Griseus.* Grey; sides of the abdomen varied with white and black: sternum projecting.
Inhabits *Europe*. *Degeer. Inf. 3. tab. 14. fig. 9.*
Antennæ black annulate with yellow: *body* beneath pale speckled with black: *under-wings* white dotted with brown.

Interstinctus. Grey; margin of the abdomen spotted with black.
Inhabits *Europe*.

Funebris.

- nebris.* Black; antennæ legs and all the wings the same colour.
Inhabits *Sierra Leona*; large, ovate.
- fuscicornis.* Black; antennæ rufous.
Inhabits *India*. Margin of the *thorax* subciliate.
- Baccarum* Subfulvous; margin of the abdomen spotted with brown.
Inhabits *Europe*. *Degeer. Ins. 3. tab. 14. fig. 5.*
- biduatus.* Black; thorax scutel and upper wings testaceous: thorax with 2 black spots before.
Inhabits *Guinea*; middle-sized.
Scutel with a brown band in the middle: *under-wings* black: *body* black immaculate.
- griseum.* Brown; thorax and scutel punctured: abdomen with yellow margin and dots: knees yellow.
Inhabits *Surinam*; large.
Antennæ black: *upper-wings* with a yellow dot in the middle: *under-wings* and *legs* black.
- Mucoreus.* Black speckled with white: head with a white margin and line down the middle.
Inhabits *China*; large.
Shield toothed: *thorax* crenate: *body* olive: margin of the *abdomen* varied with black, a line before the margin of black dots: *thighs* white beneath: *shanks* with a white ring; the fore-ones membranaceous.
- Brevicornis* Dull coppery; antennæ short compressed: fore-thighs toothed.
Inhabits *China*; large.
Head channelled: *thorax* with an obtuse tubercle before: *under-wings* dirty white: *abdomen* above black beneath coppery.
- Glaucus.* Glauous; upper-wings with a black dot at the tip.
Inhabits *New Holland*.
Thorax with a yellow macular band in the middle.
- * *Ornatus.* Varied with red and black: head and under-wings black.
Inhabits *Europe* and the *East*. *Stoll. Cimic. 2. tab. 2. fig. 11.*

* *Festivus.*

- * *Festivus* Varied with black and red: thorax with 6 black dots: underwings brown with a whitish margin.
Inhabits *Europe*. *Donov. Engl. Inf. iii. tab. 101. fig. 4.*
Antennæ, scutel and abdomen black.
- Rutilus.* Thorax rufous with 4 black spots: abdomen rufous with 5 black bands.
Inhabits *New Holland*.
Head black with 3 sanguineous lines: *scutel* red with a black spot at the base and a marginal dot each side near the tip: all the *wings* black, the upper ones with a red margin near the base: *breast* rufous with 3 black dots each side.
- Cruciatus.* Varied with black and pale: scutel black with a white cross.
Inhabits *India*; size of *C. ornatus*.
Head pale with 2 flexuous black lines: *antennæ* brown: *thorax* with 4 black spots before and 6 behind: *upper-wings* with a ferruginous tinge and 3 black spots: *body* beneath yellowish, the sides dotted with black.
- Discoideus.* Yellowish; head, common disk of the body and legs black.
Inhabits *Cayenne*; size of *C. ornatus*.
Legs black: *thighs* yellow at the base.
- Verficoloratus.* Above yellow speckled with ferruginous: underwings white with black veins: beneath yellow dotted with black.
Inhabits *Gninea*. *Cimex verficolor. Fabricius. n. 153.*
Head black with 3 yellow streaks: *thorax* and *upper-wings* with numerous rufous and yellow dots: *scutel* spotted with black and tip with yellow: *body* yellow with streaks of black dots: *legs* yellow dotted with black.
- Sphacelatus* Dusky; antennæ annulate with white: margin of the thorax and tip of the scutel white.
Inhabits *Germany*; middle-sized.
Antennæ black, the joints tip with white: *shield* emarginate: *body* above brown, the margin spotted with yellow: *legs* yellowish tip with black.
- Gramineus.* Rounded, green, immaculate.
Inhabits *Tranquebar*; small.

Bicollatus.

- Bioculatus*. Above black; thorax rufous with 2 black dots; scutel with a rufous margin.
Inhabits *America*; size of *C. ornatus*.
Body beneath rufous: *breast* black with 2 raised rufous dots: *abdomen* rufous with 4 lines of black dots: *legs* black.
- Fimbriatus*. Green; upper-wings grey with a brown spot and green margin.
Inhabits *China*; small.
Antennae pale, the joints tip with black; *under-wings* cinereous with a brown spot at the base: beneath green with a yellow line in the middle: *tail* projecting emarginate.
- Italicus*. Dull rufous: scutel with a white tip and 2 dots: margin of the abdomen dotted with black.
Inhabits *Italy*. *Cimex 2-punctatus*. *Fabricius*. n. 160.
Head brown: *antennae* pale at the base and tip with black.
- Bicolor*. Black; upper-wings varied with white and black, under-ones white.
Inhabits *Europe*. *Stoll. Cimic. 2. tab. 32. fig. 224.*
- Oleraceus*. Blue-bronzed: line on the thorax, tip of the scutel and dot on the upper-wings white or red.
Inhabits *Europe*. *Stoll. Cimic. 2. tab. 5. fig. 32, 33.*
Is very destructive to gardens and turnip fields.
- Pictus*. Above black; 3 lines on the thorax, one on the scutel, and 2 dots, and margin of the upper-wings ferruginous.
Inhabits *East India*; size of the last.
Head black with a reddish lateral line and 2 dots: *thorax* polished, the fore-margin and 3 lines ferruginous: *upper-wings* ending in a large ferruginous spot; under-ones brown: *body* beneath yellowish with a black line and spots: *legs* pale with black lines.
- 2-guttatus*. Black with a white margin all round: upper-wings with a white dot.
Inhabits *Europe*, in gardens.
- Ceruleus*. Blue, immaculate.
Inhabits *Europe*. *Stoll. Cimic. tab. 31. fig. 233.*

- Histrio.* Variegated; head and abdomen black with white lines.
Inhabits *Tranquebar*; size of *C. pictus*.
Antennae ferruginous: *head* with 5 white lines, the 2 middle-ones abbreviated: *thorax* rufous with numerous impressed brown dots, and 2 large brown spots before dotted with rufous: *scutel* varied with yellow and rufous, with 3 brown spots: *upper-wings* brown with a rufous blotch behind: under-ones whitish: margin of the abdomen whitish.
- Albo-marginellus.* Blue; margin of the thorax and upper-wings and tip of the scutel white.
Inhabits *Kiel*; size of the last.
- Albo-marginatus.* Black; margin of the upper-wings white.
Inhabits *Germany*: small.
Shield cleft before: *under-wings* white: *shanks* piceous.
- Nigrita.* Black; under-wings white: legs rufous: shanks ferrate.
Inhabits *Germany*; size of the last.
Inner and outer edges of the *upper-wings* a little reddish.
- Flavicornis* Black; under-wings white: antennæ yellow: thorax and shanks ciliate.
Inhabits *Kiel*; a little less than the last.
Body deep black: *legs* piceous: *antennae* 4-jointed.
- * *Morio.* Deep black; ends of the legs rufous.
Inhabits *Europe*. *Stoll. Cimic. tab. 32. fig. 223.*
- Tristis.* Black; shield round: thorax retuse.
Inhabits the *East*. *Cyr. Ent. Neap. 1. tab. 1. fig. 14.*
Body deep black immaculate; *under-wings* white.
- Spinipes.* Black; legs piceous; shanks very spinous.
Inhabits *Africa*; size of the last.
Antennae piceous: *under-wings* palish.
- Æthiops.* Black; thorax with an impressed streak in the middle: shanks very spinous blackish.
Inhabits *Cayenne*; resembles *C. oleraceus*.
Antennae piceous: *under-wings* whitish.

- Lugens.* Brown; line on the thorax margin of the scutel and the abdomen white.
Inhabits *America*; small.
Head obtuse; fore and lateral edges of the *thorax* and small transverse line white: *legs* pale.
- * *Melanoccephalus.* Grey; head and base of the scutel black bronze.
Inhabits *England*; small.
Body beneath bronzed: margin of the *abdomen* variegated with white and black: *thighs* with a black dot.
- Perlatus.* Grey; head black: scutel with a white dot each side.
Inhabits *Germany*; size of the last.
Antennae pale tip with black: *thorax* with a black spot each side the fore-margin: *abdomen* brown, the margin whitish dotted with black.
- Descriptus.* Deep black; head and legs brown.
Inhabits *Denmark*; small.
Head and *legs* with a ferruginous cast, the former sometimes deep black.
- * *Acuminatus.* Head and thorax tapering before: pale olive with 2 brown lines: antennæ rufous at the tip.
Inhabits *Europe*. *Donovan's Eng. Inf.* iv. tab. 118. fig. 2.
Two brown lines from the *eyes* to the end of the scutel.
- Lineola.* Thorax smooth and deep black before, behind livid with impressed dots.
Inhabits *America*. *Gmelin.* p. 2155. n. 52.
Head black: *abdomen* yellow: *upper-wings* variegated with flesh-colour and pale.
- Ruber.* Red; upper-wings with a transverse white line, under-ones brown.
Inhabits *Europe*, on nettles. *Fn. Suec.* 938.
- Collaris.* Snout arched: body black: hind-part of the thorax and fore-part of the upper-wings ferruginous: under-wings black.
Inhabits *Guinea*. *Body* rather oblong.
- Javanicus.* Yellow; obtuse tail antennæ and legs ferruginous.
Inhabits *Java*. *Stoll. Cimic.* tab. 1. fig. 2. very large.

- Sinensis.* Yellowish; tail 4-toothed: sternum projecting.
Inhabits *China*. *Thunb. Nov. Inf.* 2. p. 45. fig. 59. large.
- Brunneus.* Above chestnut-brown, beneath brown: antennæ hairy.
Inhabits *India*. *Thunb. Nov. Inf.* 2. p. 45.
- Anchora.* Thorax and upper-wings with 6 black spots: scutel marked with a white anchor.
Inhabits *Japan*. *Thunb. Nov. Inf.* 2. p. 47. fig. 60.
- Capensis.* Black; margins of the thorax and upper-wings red.
Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* fig. 61.
- Thunbergii.* Varied with black and cinereous: scutel with 2 yellow dots: head and thorax with white lines.
Inhabits——*Thunb. Nov. Inf.* 2. p. 48. fig. 62.
- Venosus.* Red with brown marks: abdomen with 6 rows of black dots.
Inhabits the *Cape of good hope*. *Thunb. Nov. Inf.* p. 49.
- Costatus.* Cinereous; upper-wings with a black line.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 50. fig. 63.
- Cornutus.* Depressed, cinereous: thorax with 3 raised lines: antennæ fusiform.
Inhabits *Japan*. *Thunb. Nov. Inf.* 2. p. 50.
- Melaleucos.* Black; upper-wings white with 2 black spots.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 50.
- Hirtus.* Black covered all over with hair.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 51.
- Niger.* Black; thorax and flanks ciliate.
Inhabits *Africa*. *Thunb. Nov. Inf.* 2. p. 51.
- Aterrimus.* Deep black; upper-wings half hyaline.
Inhabits *Spain*. *Forst. Nov. Ins.* 1. p. 71. n. 71.
- Flavatus.* Black; scutel and tip and sides of the upper-wings yellow: margin of the thorax and line down the middle yellow.
Inhabits *Austria*. *Schrank. Natur.* p. 79. § 34.

- Vieunensis*. Blue bronzed : upper-wings edged with white.
Inhabits *Anstria*. *Schrank. Natur. p.* 80. §. 35.
- Venustissimus*. Silvery ; head and base of the thorax and scutel violet bronze.
Inhabits *Austria*. *Schrank. Natur. p.* 80. §. 36.
- Dubius*. Black-blue, punctured : outward margin of the thorax and upper-wings white.
Inhabits *Carniola*. *Scopol. Ent. Carn. p.* 121. n. 355.
- Æneus*. Pale brassy with impressed black dots : scutel nearly as long as the abdomen, with 2 white dots.
Inhabits *Carniola*. *Scopol. Ent. Carn. p.* 122. n. 358.
- Danicus*. Black ; upper-wings with 2 yellow bands.
Inhabits *Denmark*. *Mull. Zool. Dan. p.* 106. n. 1202.
- Rosæus*. Brown ; abdomen flesh-colour : legs pale : thighs with a black dot.
Inhabits *Denmark*. *Mull. Zool. Dan. p.* 105. n. 1197.
- Alatus*. Rufous ; upper-wings resembling the under-ones : antennæ clavate.
Inhabits *Denmark*. *Mull. Zool. Dan. p.* 106. n. 1204.
- Rufescens*. Thorax obtusely angled : body clouded with green and red.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 465. n. 62.
- Pallus*. Black-brown : under-wings pale.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 470. n. 71.
- Leucomelas*. Black ; outer border of the upper-wings white.
Inhabits *France*. *Geoffr. Inf. par. 1. p.* 470. n. 72.
- Arboreus*. Above brown-green, beneath yellowish : thorax with a transverse yellow line : upper-wings edged with red : tail 2-toothed red.
Inhabits *Europe*. *Degeer. Inf. 3. p.* 260. n. 7.
- Pusillus*. Grey edged with white and dotted with black : abdomen black bronze.
Inhabits *Europe*. *Degeer. Inf. 3. p.* 270. n. 15.

Parnassia. Body black : thorax red : under-wings brown.
Inhabits *Bohemia*. *Act. Bohem.* 4. p. 183.

Fulvus. Fulvous ; under-wings brown-violet behind : abdomen beneath pale, 4-toothed at the tip.
Inhabits out of *Europe*. *Mus. Lesk.* p. 119. n. 88.

Varius. Black ; margins of the scutel and abdomen, upper-wings and thorax red, the latter with a black line before : membranes brown : under-wings yellow tipt with brown.
Inhabits out of *Europe*. *Mus. Lesk.* p. 119. n. 89.

Unicolor. Greenish with a yellow edge all round : antennæ rufous.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 91.

Albidus. Whitish ; antennæ black with white joints : upper-wings varied with livid and rufous : scutel tipt with white.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 93.

Undatus. Pale ; head pointed with 4 black lines : scutel and thorax dotted with black ; antennæ and transverse waved ridges on the upper-wings black.
Inhabits out of *Europe*. *Mus. Lesk.* p. 119. n. 97.

Pallescent. Pale dotted with black : tips of the thorax and scutel and outer edges of the upper-wings whitish.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 98.

Nigerrimus. Black, immaculate.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 103.

Melanoleucos. Black ; thorax and outer margin of the upper-wings white.
Inhabits *Europe*. *Mus. Lesk.* p. 119. n. 104.

Excisus. Grey ; membrane of the upper-wings jagged without : abdomen black.
Inhabits *Euroupe*. *Mus. Lesk.* p. 120. n. 106.

++++. Thorax unarmed : body oblong. *Lygæus*.

Phasianus.

- Phasianus*. Brown; hind-thighs curved clavate 1-toothed: abdomen gibbous at the base beneath.
Inhabits *Africa*: large.
Antennæ black, the last joint ferruginous at the base and tip:
shanks compressed with an elevated line each side.
- Bellicosus*. Brown: hind-thighs curved toothed: abdomen 4-spined.
Inhabits equinoctial parts of *Africa*.
Antennæ black: *scutel* cinereous at the tip: *under-wings* black
abdomen covered with gold down beneath: *shanks* compressed
ferrate.
- Meleagris*. Brown: last joint of the *antennæ* and fore-*shanks* yellow:
all the thighs ferrate.
Inhabits *China*: large.
- Gallus*. Upper-wings brown striate with yellow: disk of the abdomen
red: hind-thighs ferrate.
Inhabits *Surinam*: large.
Antennæ and *snout* black: *head* varied with yellow and black:
thorax greenish punctured with black, the fore-part varied
with yellow and black: *scutel* black, the edge and 2 dots yellowish
which are joined at the tip by a transverse streak:
abdomen sanguineous: *tail* black: 4-*fore-legs* simple: *hind-thighs*
straight: *shanks* yellow, black at the base with a sharp spine.
- Faber*. Black; abdomen brown edged with yellow: fore-thighs
2-toothed at the tip.
Inhabits *Poulicandor*: large.
Antennæ filiform black: *abdomen* with 3 or 4 black dots before
the margin.
- Harpagon*. Black; beneath dotted with red: thighs toothed.
Inhabits *America*.
Thorax channelled, with 2 red dots at the tip: *scutel* triangular
upper-wings striate: *hind-shanks* foliaceous sinuate, black with
a small red dot.
- Calcaratus*. Brown; abdomen sanguineous: hind-thighs 6-toothed.
Inhabits *Europe*. *Degeer*. *Inf.* 3. *tab.* 14. *fig.* 23. 24.
Antennæ rufous, the joints brown at the tips: *abdomen* above
black with 4 marginal sanguineous dots: *legs* black: *shanks*
piceous.

Denticulatus.

- Denticulatus.* Thorax denticulate on the lateral margin: abdomen 2-toothed: hind-thighs spinous.
Inhabits *Carniola*. *Sulz. Hist. Inf. tab. 10. fig. 16.*
- Collum.* Black: upper-wings chesnut with a black dot: fore-thighs with a small tooth.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 130. n. 376.*
- Armatus.* Black; upper-wings brown, the outer margin with grey streaks, the hind-one with grey dots: fore-thighs very thick, armed with a tooth.
Inhabits *Europe*. *Mus. Lesk. p. 120. n. 116.*
- Lacteolus.* Black; fore-thighs thick, armed with a tooth; upper-wings grey at the the base, the membrane with a milk-white dot.
Inhabits *Europe*. *Mus. Lesk. p. 120. n. 117.*
- Setosus.* Brown; thighs and upper-wings reddish, the latter broken at the tip: flanks white with spinous bristles.
Inhabits *Europe*. *Mus. Lesk. p. 121. n. 126.*
- Indus.* Abdomen red, 2-toothed: upper-wings brown with pale stripes.
Inhabits *Cayenne*. *Stoll. Cimic. tab. 8. fig. 55.*
- Militaris.* Rufous spotted with black: under-wings whitish with a black streak at the base.
Inhabits the *East*; twice as large as the next.
Thorax red with 2 flexuous black lines: *scutel* black: *breast* black with 3 red spots each side: *abdomen* red, dotted with black each side.
- **Equestris.* Spotted with red and black: thorax full black before and behind: under-wings black spotted with white.
On the *Vincetoxicum*. *Schæff. Icon. tab. 48. fig. 8.*
Breast black: margin of the *under-wings* whitish.
- Civilis.* Varied with red and black: thorax with 2 red lunules: under-wings brown spotted with white.
Inhabits *Tranquebar*; resembles the last.
Breast brown spotted with black: *abdomen* spotted with brown and red, with a line of black dots each side: *legs* brown.

Crudelis.

Crudelis. Varied with red and black : under-wings whitish : antennæ and legs black.

Inhabits the *Cape of good Hope*.

Head black with a red line at the base : *thorax* with 3 red lines : *scutel* black immaculate : *upper-wings* black striate with red, under-ones immaculate : *breast* black, the sides dotted with red : *abdomen* rufous with lateral black dots : *tail* and *legs* black.

axatilis. Black ; *thorax* with a red lateral line and one down the middle : *upper-wings* with 3 red spots, under-ones immaculate.

Inhabits *Southern Europe*.

Body beneath varied with red and black : *legs* black.

Hyoscyami. Varied with red and black : under-wings brown immaculate.

On the *Hyoscyamus*. *Degeer. Inf. 3. tab. 14. fig. 14. 15.*

familiaris. Varied with red and black : under-wings brown with a white dot at the base.

Inhabits *Europe* and *East India*.

Head rufous : *snout* and *antennæ* black ; *thorax* rufous, the fore-edge and 2 longitudinal spots black : *scutel* black tipt with rufous : *upper-wings* rufous with a large black spot : *body* beneath red with lateral black dots and transverse spots in the middle.

varicolor. Varied with red and black : upper wings black with 2 yellowish spots.

Inhabits *Trinity Island* ; large.

Head above black with a large rufous spot, beneath rufous : *antennæ* black : *thorax* above black with a large rufous spot, beneath rufous spotted with black : *under-wings* black : *abdomen* varied with rufous and black : *legs* black.

spes. Varied with rufous and black : under-wings and legs black immaculate.

Inhabits *Tranquebar* ; size of *C. familiaris*.

Thorax black with 3 red lines : *scutel* black tipt with rufous : *upper-wings* red with a broad black line at the base and dot in the middle : *breast* black spotted each side with rufous : *abdomen* rufous dotted with black.

brevis. Greenish : upper-wings brown with an abbreviated white band.

Inhabits *East India*.

Antennæ brown : *thorax* blackish on the hind-margin.

Laniarius. Rufous; upper-wings fanguineous at the tip: thorax blackish: abdomen yellow.

Inhabits Sweden. *Gmelin.* p. 2169. n. 75.

Rostratus. Rufous; scutel with a yellow marginal fillet.

Inhabits Africa: middle-sized.

Head pointed, paler at the sides: thorax punctured with a thin yellow edge: margin of the upper-wings yellow at the base: under-wings whitish: body beneath yellow: abdomen with a brown line each side.

Malabari- Reddish: scutel and thorax with 2 black dots.

cus.

Inhabits the shores of Malabar.

Antennæ black: thorax rufous varied with cinereous: under-wings black: abdomen pale with large blue spots each side.

Aulicus. Varied with red and black; upper-wings with a black band, under-ones black with a white line at the base.

Inhabits America: on *Asclepias curassavica*.

Antennæ black: head rufous with a black raised suture: thorax black, the lateral and fore-margin red: scutel rufous at the tip: body beneath fanguineous, with 3 black spots each side on the breast and one on the abdomen: tail black.

Varicornis. Variegated; head and legs rufous: edges of the thorax pale.

Inhabits East India; large.

Snout rufous: first joint of the antennæ rufous, 2 black, 3 white tipped with brown: thorax pale brown: upper-wings full black: abdomen ferruginous, the edges of the segments black.

Rufo-margi- Above black; head and margin of the thorax and upper-wings red; beneath white villous.

natus.

Inhabits India. *Stoll. Cimic. tab. 5. fig. 35.* large.

Body beneath clothed with white down: tail rufous.

Boerhavia Above black; margin all round the thorax and upper-wings yellowish: beneath variegated.

Inhabits Guinea, on the *Boerhavia diffusa*: large.

Head and snout fanguineous: crown black: antennæ black, the last joint ferruginous at the base: under-wings and breast black: abdomen rufous, the sides with oblong black spots, the edges of the segments yellow: tail rufous; legs black: thighs rufous, the fore-ones toothed at the tip.

Pallens.

- Pallens.* Palish; thorax and upper-wings brown with a pale margin.
Inhabits *Africa*; middle-sized.
Antennae rufous, the last joints tipped with black: *under-wings* black: *abdomen* above reddish: *tail* black: *body* beneath pale.
- Errans.* Dull rufous: tip of the scutel and body yellowish.
Inhabits *Barbary*; middle-sized.
Antennae rufous, the last joint brown: *abdomen* above black with 2 abbreviated yellow lunules, the margin and above the tail yellow: beneath yellow with a line of black dots each side: *legs* yellow.
- Cingulatus.* Thorax testaceous, the first segment black edged with white: upper-wings with a black dot.
Inhabits *New Holland*; large.
Head rufous: *antennae* black: *snout* rufous tipped with black: *under-wings* black: *body* beneath rufous, the sides black with numerous white belts: *legs* black.
- Superstitiosus.* Rufous; antennae, base of the thorax, band on the upper-wings and under-wings black.
Inhabits *America*.
Head red: *antennae* brown: *scutel* rufous: *body* beneath rufous spotted with white and black.
- Albofasciatus.* Rufous; upper-wings black with a white band.
Inhabits *Surinam*. *Degeer. Inf. 3. tab. 34. fig. 11.*
Margin of the *thorax* and *upper-wings* whitish.
- Ruficollis.* Glauous; head black: thorax rufous before.
Inhabits *Brasil*; middle-sized.
Antennae black, the last joint white at the base: *thorax* edged before with white: *under-wings* black: *body* beneath glauous: *breast* with 3 reddish spots each side: *legs* black: *thighs* rufous.
- Scabrosus.* Black; margin of the thorax and 2 bands on the upper-wings reddish.
Inhabits *America*.
Thorax black rough: *upper-wings* black at the base: *abdomen* black, the margin varied with white.

- Leprosus*. Thorax black with a red base margin and 2 dots : upper-wings black immaculate.
Inhabits *America*.
Antennae black : *head* black with a red line : *under-wings* hyaline : *abdomen* above blue, the margin varied with red, beneath brown dotted with red.
- Leucurus*. Black ; head and upper-wings red : under-wings black, the base and tip white.
Inhabits *Amsterdam Island*.
Snout and *antennae* black : edge of the thorax from the base to the middle red : *body* and *legs* black ; sides of the *abdomen* fanguineous.
- Koenigii*. Testaceous : upper-wings with a black dot, under-ones deep black.
Inhabits *Tranquebar*. *Stoll. Cimic. 2. tab. 1. fig. 5.*
Head red : *antennae* black : beneath red with yellow lines on the *abdomen* : *shanks* black.
- Slanbuschii*. Sanguineous ; abbreviated band on the thorax, scutel, dot on the upper-wings and under-wings black.
Inhabits *China* ; size of the last.
Antennae black, the last joint cinereous : *body* beneath red with lateral black abbreviated bands : *legs* brown : *thighs* red.
- Aegyptius*. Varied with red and black : upper-wings red with a black dot.
Inhabits *Egypt*.
- Sanguineus*. Sanguineous ; under-wings black, the base yellowish with a black dot.
Inhabits *India*.
Snout black, fanguineous at the base : *antennae* black, red at the base : *thorax* with an impressed streak in the middle : *body* yellowish.
- Mendicus*. Varied with red and brown : under-wings black : the tip and line at the base white.
Inhabits *India*.
Antennae black : *head* black, rufous at the sides : *thorax* rufous with 2 brown spots : *scutel* brown, the tip rufous with 2 black dots : *upper-wings* brown, the margin and suture towards the base red : *body* beneath varied with rufous and black : *tail* black.

Servus.

- Servus*. Varied with red and black: upper-wings tipped with white; under-ones black, whitish at the tip.
Inhabits *China*; small.
Antennae black: *head* rufous with a black line: *thorax* red with 2 black bands joined by 2 dots: *upper-wings* red with a large black line: *breast* rufous spotted with black: *abdomen* brown with a rufous margin: *legs* black.
- Famelicus*. Above black; thorax and upper-wings with 2 yellowish dots: under-wings with a white line at the base.
Inhabits the *Cape of good hope*: middle-sized.
Head black with 2 red dots before and line at the base: *thorax* red on the fore-edge: *breast* black with lateral fulvous bands: *legs* black.
- Fabricii*. Black; head with a red dot: thorax and upper-wings with 3 red lines.
Inhabits *India*. *Lygæus trilineatus*. *Fabricius*. p. 157. n. 74.
Body black varied with red: *legs* black.
- Boscii*. Thorax rufous with 2 black spots: upper-wings rufous with a black dot; under-ones black with a white dot in the middle.
Inhabits *France*. *Lygæus punctum*. *Fabricius*. n. 75.
Head and *antennae* black: *body* black: *abdomen* with a broad rufous base.
- 4-guttatus*. Upper-wings rufous with a black band: under-wings black with 2 white dots.
Inhabits *New Holland*.
Antennae and *snout* black: *head* rufous with 2 black lines: *thorax* rufous in the middle: *scutellum* carinate rufous with a black base: *abdomen* rufous, black in the middle: *legs* black.
- Punctato-guttatus*. Black; upper-wings rufous with a black dot in the middle: under-wings black with 2 white dots.
Inhabits *Italy*; small.
Thorax rufous before: *body* and *legs* black.
- Sanguinolentus*. Red; antennæ, upper-wings, and legs brown.
Inhabits *America*.
Antennæ black, as long as the body: *body* beneath red.

Australis.

- Australis.* Upper-wings rufous with a waved black streak: under-wings black with a white dot in the middle.
Inhabits *New Holland*. *Lygæus* 2-guttatus. *Fabricius*. n. 78.
Head rufous: *snout* and *antennæ* black: *abdomen* rufous: *tail* and *legs* black.
- Hispanicus.* Thorax and upper-wings rufous with 2 black spots.
Inhabits *Spain*. *Lygæus* 6-punctatus. *Fabricius*. n. 80.
Head black: *scutel* blackish: *under-wings* brown: *body* brown with a red lateral line: *legs* brown: *thighs* rufous.
- Cruentatus.* Rufous; thorax with 2 brown spots: antennæ legs and under-wings brown.
Inhabits *India*. *Lygæus* cruentus. *Fabricius*. n. 81.
Differs from *C. sanguinolentus* in having the *scutel* red.
- Suturalis.* Rufous antennæ and under-wings black, the futures white.
Inhabits *America*.
Head rufous: *eyes* black: fore and hind futures of the thorax white: *legs* black: *thighs* red.
- Pulchellus.* Black; fore and hind margins of the thorax white, lateral ones rufous: edge round the upper-wings white and rufous.
Inhabits *Santa Cruz*; small.
Breast varied with white: *abdomen* black edged with white.
- Rubiginosus.* Above rufous; under-wings whitish with a large brown spot.
Inhabits the *Cape of good hope*.
Snout black, rufous at the base: *thorax* yellow on the hind-margin: *breast* black with 3 yellow streaks each side: *abdomen* red, the base black with red edges: *legs* black.
- Excavatus.* Rufous; antennæ, breast, tail and legs black: scutel channelled.
Inhabits *Africa*; large.
Head rufous with an ocellar black spot: *thorax* with 2 black spots before and a line in the middle: *under-wings* black: *breast* black: *abdomen* rufous.
- Carnifex.* Rufous; antennæ and shanks brown.
Inhabits the *Cape of good hope*.
Snout black: *under-wings* brownish: *breast* red with yellow bands: *legs* brown: *thighs* rufous tipped with black.

Fuscatus.

- fuscatus*. Red; thorax with black lines: scutel, under-wings, tail and legs black.
Inhabits *Guinea*. *Lygæus fuscatus*. *Fabricius*. n. 86.
Snout, *antennæ* and lower margin of the *head* black: *thorax* with 2 red lines meeting before the upper-edge: *scutel* sometimes with 2 red dots: *body* sanguineous: *breast* spotted with black: *tail* with 2 small red dot each side.
- lugur*. Rufous; antennæ under-wings and legs black.
Inhabits *East India*; beneath rufous immaculate.
- Macleani*. Above rufous: thorax and 2 dots on the scutel black.
Inhabits *India*; middle-sized.
Antennæ black: *under-wings* black: *body* beneath yellowish with blue bands.
- Andrea*. Sanguineous; antennæ shanks snout and under-wings black.
Inhabits *America*. *Sloan's Jamaica*. 2. fig. 29, 30.
- affimilis*. Sanguineous; antennæ thorax shanks snout and under-wings black.
Inhabits *Japan*. *Thunb. Nov. Inf.* 3. p. 56.
- Apterus*. Varied with red and black: upper-wings red with 2 black dots: under-wings, usually, o.
On the *Malva sylvestris*. *Stoll. Cimic.* 2. tab. 15. fig. 103.
- striatulus*. Yellowish; scutel and all the wings brown: the upper-ones cinereous at the tip.
Inhabits *Brazil*; middle-sized.
Head with 2 black stemmata in front and a black dot each side behind the eyes: hind-angles of the *thorax* slightly elevated, the hind-margin brown with 3 yellow lines: *scutel* with a yellow edge and dorsal line: *upper-wings* striate with black: *under-wings* black: *legs* pale with black dots.
- Guttula*. Grey; antennæ black: head 2-toothed.
Inhabits *American Islands*.
Head with a strong tooth each side before the eyes: *antennæ* black, the last joint but one and tip of the last pale: tip of the *scutel* and small dot in the middle of the *upper-wings* white: *body* beneath brown speckled with black, a lateral streak of black dots each side: *legs* dotted with black.

Nugax. Grey speckled with brown: margin of the abdomen with pale spots: base of the fore-thanks and hind-thighs pale.

Inhabits *Italy*. *Stoll. Cicad. tab. 11. fig. 79.*

Antennæ varied with white and black: *snout* brown at the base: *abdomen* above sanguineous with a brown margin spotted: *legs* brown.

Lineolaris. Above dull grey: scutel with a white dorsal line.

Inhabits *America*. *Lygæus lineola. Fabricius. n. 95.*

Small. *Antennæ* brown, the middle joints yellow: *body* beneath yellowish: *legs* tipt with black.

Moroccanus Black; upper-wings with a white hyaline line; under-ones with a white hyaline spot at the base.

Inhabits *Morocco*; size of *C. pini*.

* *Pini.* Black; upper-wings brown with a black rhombic spot.

Inhabits *Europe*. *Degeer. Ins. 3. tab. 14. fig. 22.*

Sylvaticus. Black; upper-wings brown.

Inhabits *Sweden*; half the size of the last.

* *Rolandri.* Black; under-wings with a rhombic yellow spot.

Inhabits *Europe*. *Schæff. Icon. tab. 87. fig. 7.*

Forsteri. Black; tip of the scutel and margin of the thorax and upper-wings sanguineous.

Inhabits the *Cape*; size of the last.

Abdomen black, the edge and middle red: *legs* black.

Squalidus. Black; hind-part of the thorax upper-wings and legs grey.

Inhabits *Tranquebar*. *Lygæus sordidus Fabricius. n. 101*

Joints of the *antennæ* cinereous at the base and tipt with black: *under-wings* dusky with a few whitish waves.

Armipes. Black; upper-wings grey the tip black with a white spot: under-wings tipt with white: fore-thighs toothed.

Inhabits——Size of the last..

Antennæ rufous the joints tipt with black: *thorax* a little flexuous at the outer margin: *scutel* pale at the tip: *legs* testaceous: *thighs* pale tipt with black.

Luscus.

- Luscus*. Black; scutel with 3 white dots: upper-wings grey, the tip black with a white spot.
Inhabits *Germany*; half the size of the last.
Antennæ black, the joints 2, 3. rufous: *thorax* grey behind: *legs* testaceous: *thighs* tipped with black, the fore-ones with a strong tooth.
- Clavimanus* Black; edge of the thorax and upper-wings red: fore-thighs thick, toothed.
Inhabits *Africa*; size of the last.
Scutel a little reddish at the tip: *legs* black.
- pustulatus* Black; thorax and upper-wings with 2 red spots.
Inhabits *Jamaica*.
Front rufous: *under-wings* black: *abdomen* black, the sides rufous: *legs* black.
- Urticæ*. Black; upper-wings grey, under-ones white with a black dot.
Inhabits *England*, on the nettle.
Antennæ brown: *head* and *thorax* black-bronzed: *abdomen* black, the margin varied with white: a white spot in the middle beneath: *thighs* black pale at the base: *shanks* pale with 3 black belts.
- Lynceus*. Black; upper-wings grey with a black spot at the tip in which is a white dot.
Inhabits *England*; size of *C. pini*.
Outer margin of the *thorax* pale, the hind-one grey thickly dotted with black: *scutel* triangular with 2 pale lines at the tip: *under-wings* cinereous with a few obsolete white dots: *body* beneath black with 3 pectoral fulvous dots.
- lywanus* Black; upper-wings brown dotted with black at the tip; under-ones black with a white dot at the base and tip.
Inhabits *Germany*. *Lygæus sylvestris*. *Fabricius*. n. 108.
Upper-wings with a few black dots on the hind-margin.
- errans*. Black; upper-wings brown, pale at the base; under-ones black with a white dot at the base.
Inhabits *Germany*. *Lygæus erraticus*. *Fabricius*. n. 109.
Thorax a little palish on the hind-margin: *legs* rufous: *fore-thighs* 1-toothed.

Lunaris. Black; thorax with 3 yellow spots at the base: upper-wings with a yellow marginal lunule.

Inhabits *Cayenne*. *Lygæus lunatus*. *Fabricius*. n. 110.

Antennæ black, the last joint ferruginous: *head* pubescent: *thorax* punctured: middle of the *abdomen* spotted with yellow: *legs* varied with yellow and ferruginous.

* *Podagricus.* Upper-wings brown with a white base and 2 dots: fore-thighs thick 2-toothed.

Inhabits *England*; something less than *C. pini*.

Thorax a little whitish at the fore-edge: *under-wings* brown striate with black: *abdomen* black.

Magnicornis Ferruginous; upper-wings hyaline with a ferruginous tip: antennæ thicker at the tip.

Inhabits *Barbary*.

Antennæ pale: *upper-wings* with a few black dots: *abdomen* above black with 3 white dots before the tip: *tail* white: *legs* variegated.

Chiragra. Black; upper-wings varied with grey and brown: fore-thighs thickened.

Inhabits *Germany*; small.

Second joint of the *antennæ* rufous, 4, downy grey: *fore-thighs* black or ferruginous: *shanks* incurved rufous tipped with black.

* *Crassicornis.* Grey dotted with black: antennæ clavate.

Inhabits *Europe*. *Schæff. Icon. tab. 13. fig. 10.*

Hyalinus. Black; thorax with a rufous edge: upper-wings hyaline, the tip brown with a hyaline dot.

Inhabits *South America*; small.

Head black with rufous dots: *scutellum* rufous at the tip: *under-wings* white: *body* beneath black with rufous lines: *legs* black.

Sidae. Cinereous speckled with brown: upper-wings hyaline with brown dots: antennæ clavate.

Inhabits *South America*, on the *Sida*.

Antennæ pale, the last joint brown: *under-wings* white: *abdomen* above black with a cinereous band.

Hyperici. Dull brown; legs rufous dotted with brown: antennæ clavate.

Inhabits *Germany*. *Lygæus clavicornis*. *Fabricius*. n. 117.

Antennæ black, the third joint rufous, 4, long thick black: *under-wings* whitish dotted with black.

Capitatus.

Capitatus. Ferruginous; upper-wings white dotted with black, the tip ferruginous: antennæ clavate.

Inhabits Germany.

Antennæ ferruginous, the last joint brown: *scutel* tip with white: *under-wings* white: *abdomen* rufous, the margin varied with white and brown: *thighs* rufous dotted with black: *shanks* yellowish.

Branderi. Grey; snout arched: thorax nearly 6-spined: upper-wings with 3 white dots: antennæ clavate.

Inhabits *Barbary*; middle-sized.

Body beneath testaceous; *antennæ* rufous.

Colon. Varied with red and black: membranes of the upper-wings white with a black dot: antennæ clavate.

Inhabits *Japan*. *Thunb. Nov. Inf.* 3. p. 57.

Deustus. Reddish-brown; tip of the scutel and margin of the thorax and abdomen red: antennæ clavate.

Inhabits——*Thunb. Nov. Inf.* 3. p. 58.

Tuberculosis. Abdomen above rufous: antennæ with 2 knobs, the upper-one longer.

Inhabits *Carniola*. *Scopol. Ent. Carn.* p. 128. n. 372.

Oculus cancri. Livid yellow with sanguineous dots: eyes placed on a small cylindrical peduncle: antennæ clavate.

Inhabits *Surinam*. *Degeer. Inf.* 3. tab. 34. fig. 24.

Mæstus. Brown, beneath rufous livid: margin of the thorax livid: antennæ clavate.

Inhabits *Pensylvania*. *Degeer. Inf.* 3. tab. 34. fig. 20.

Sabrufus. Pale rufous: upper-wings hyaline, the tip rufous: scutel rufous pale at the tip: antennæ clavate, the knob rufous.

Inhabits *Europe*. *Mus. Lesk.* p. 120. n. 119.

Stictopterus. Black; upper-wings grey dotted, the tip with 3 brown spots, the membrane white truncate: antennæ clavate pale, the knob black.

Inhabits *Europe*. *Mus. Lesk.* p. 120. n. 120. b.

Ictericus. Brown; head and thorax reddish: antennæ clavate.

Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 130.

- * *Arenarius* Black ; upper-wings cinereous, under-ones white.
Inhabits *Europe*, on sandy plains.

Succinctus. Margin of the thorax and upper-wings and base of the thighs red.

Inhabits *Pensylvania*. *Degeer. Inf. 3. tab. 34. fig. 19.*

Lateral and hind-margin of the *thorax* rufous: margin of the *abdomen* elevated, rufous.

Tunicatus. Above rusty-brown: body and margin of the upper-wings yellow.

Inhabits *Germany*.

Antennae rufous, the joints tip with black; tips of the *upper-wings* rufous with a black dot: *legs* yellow.

- * *Gonymelas* Reddish-brown; abdomen red: antennæ annulate with black: joints of the legs black.

Inhabits *England*. *Donovan's Eng. Inf. vii. tab. 218. fig. 1.*

Scutel edged with black: margin of the *abdomen* above varied with black and yellow: *under-wings* yellowish.

- Rubicornis*. Rufous; antennæ, breast, upper-wings and thighs black.

Inhabits *America*; small.

Head rufous with a black raised dot: *antennæ* pubescent: *thorax* rufous with a black spot: *breast* black: *under-wings* black, a little reddish at the base: *abdomen* beneath rufous with lateral black dots: *tail* black.

- Kalmii*. Green; scutel with a heart-shaped yellow spot: upper-wings with 2 black spots:

Inhabits *Europe*. *Fn. Suec. 948.*

- Supercilio-* Black; eye-brows and margin of the upper-wings white.
-fus. Inhabits *Sweden*; middle-sized.

- * *Coryli*. Black; antennæ and legs yellow.
Inhabits *Europe*, on the nut-tree.

- Nemoralis*. Black: thorax and upper-wings yellowish: scutel with a black spot on the disk.

Inhabits *Barbary*: resembles *C. campestris*.

Abdomen black, the sides yellowish: *under-wings* and *legs* black; *thighs* yellowish.

* *Campestris*.

- Campestris* Yellowish ; upper-wings with a ferruginous spot.
Inhabits Meadows of *Europe*.
- Melanocephalus*. Black : thorax, upper-wings, antennæ and legs pale.
Inhabits *Sweden* ; small.
- Visfrionicus* Black ; scutel yellow : upper-wings and legs testaceous.
Inhabits *Europe* ; size of a common Gnat.
- Temorum*. Black ; all the wings brown varied with white : legs testaceous.
Inhabits *Europe*. *Fn. Suec.* 953.
- Pratensis*. Yellowish ; upper-wings green.
Inhabits Meadows of *Europe*.
- floralis*. Above dull grey ; upper-wings with a red dot at the tip : hind-thighs long black.
Inhabits *Germany*, on flowers.
Antennae pale : *body* brown : *tail* reddish : *legs* pale.
- 2-punctatus* Yellowish ; thorax with 4 black dots.
Inhabits *Germany* ; size of the next.
Thorax greenish : *scutel* greenish with a brown line in the middle : *upper-wings* with a small brown line ; *abdomen* beneath black : *legs* yellowish : *hind-thighs* dotted with black.
- Norwegicus* Green ; thorax with 2 black dots : upper-wings paler with a yellow dot at the tip.
Inhabits *Norway*. *Lygæus 2-punctatus*. *Fabricius* : n. 129.
Abdomen black : *upper-wings* of the *Female* immaculate.
- Saykulli*. Green ; thorax with 2 black dots : upper-wings ferruginous with a black fillet.
Inhabits *Sweden*. *Lygæus 2-notatus*. *Fabricius*. n. 130.
Antennae ferruginous : *body* green : *tail* ferruginous.
- Praxini*. Thorax green with a black band behind : upper-wings green with a white dot at the tip.
Inhabits *Germany*., on the ash.
Head dull ferruginous : *antennae* tip with black : *scutel* greenish : *breast* subferruginous : *abdomen* black with a broad yellowish line each side, the margin spotted with yellow : *legs* ferruginous.

Ferrugatus. Greenish ; thorax with 2 ferruginous lines : upper-wings with 2 ferruginous spots.

Inhabits *Germany*.

Head and *antennæ* piceous with a white frontal line : *legs* greenish : *thighs* ferruginous at the tip.

Striatellus. Greenish ; thorax with 4 black dots and a streak behind : upper-wings striate, with a white dot at the tip.

Inhabits *Germany*.

Head with 3 subferruginous lines : *upper-wings* with 3 white streaks meeting at the base, the tip white terminated by a black dot : *abdomen* greenish with a lateral brown spotted streak.

Inquinatus. Yellowish : upper-wings black varied with white.

Inhabits *Kiel*.

Antennæ black : *sides* and hind-margin of the *thorax* black : *body* yellowish edged with black : *legs* black.

Bis-3-guttatus. Black varied with white : upper-wings with 3 marginal white spots.

Inhabits *Germany*.

Head black : *front* whitish : *thorax* black edged with white : *body* beneath variegated.

Nassatus. Green ; antennæ and legs yellowish.

Inhabits *Germany* : small.

Tilia. Greenish with 3 brown bands, the middle-one angular.

Inhabits *Kiel*, on the *Tilia*.

Antennæ black, the second joint pale at the base and tip : *head* and *thorax* green with a black lateral line each side : *scutellum* with 2 black dots : *abdomen* brown or greenish : *legs* annulate with white and black.

* *Populi*. Greenish-white speckled and clouded with brown.

Inhabits *Europe*. *Donovan's English Inf.* vii. tab. 252. fig. 2.

6-notatus. Black ; scutellum and 3 dots on the upper-wings yellow.

Inhabits *Europe*. *Lygæus 6-guttatus*. *Fabricius*. n. 139.

Orbits yellowish : *thorax* with a yellow dorsal line and dot each side : *body* black.

* *Leucocephalus*. Black ; head and legs fulvous.

Inhabits *Europe*. *Degeer. Inf.* 3. 290. 28.

- Arbustorum* Olive ; head black : flanks dotted with black.
Inhabits *Zealand* ; small.
Antennæ pale at the tip : *under-wings* brown with a whitish spot at the base of the outer margin.
- Transversalis.* Green ; thorax with an interrupted brown line : upper-wings with a brown spot.
Inhabits *Kiel* ; small.
Last joint of the *antennæ* brown : *abdomen* black on the back : *legs* green.
- Alni.* Greenish ; upper-wings pale : tail rufous.
Inhabits *Denmark*, on the Alder ; small.
Upper-wings pale clouded : *tail* widely rufous.
- Hæmatopus* Sanguineous ; head and tips of the upper-wings whitish : under wings brown.
Inhabits *Germany*. *Lygæus sanguineus*. *Fabricius. n. 144.*
- Ferrugineus* Ferruginous ; head thorax and scutel black.
Inhabits *Sweden* ; resembles *C. Rolandri*.
- Tripustulatus.* Black ; scutel and 3 spots on the upper-wings scarlet.
Inhabits *Germany* ; small.
Head ferruginous : *mouth* black : *thorax* with a rufous dorsal line tricuspidate before : *legs* ferruginous.
- Triguttatus* Black ; upper-wings and tip of the under-ones with a white dot.
Inhabits *Germany* ; size of a louse.
The white dot on the *under-wings* appears when they are folded as if it were three.
- *Saltatorius.* Black ; upper-wings striate : under-wings spotted with yellow behind.
Inhabits shores of *Europe*.
- Elatior.* Black ; margin of the thorax scutel and 2 bands on the upper-wings red : *antennæ* capillar at the tip.
Inhabits *Germany*. *Lygæus elatus*. *Fabricius. n. 148.*
Under-wings black with a small white dot : *abdomen* rufous.
- *Ater.* Deep black : *antennæ* capillar at the tip.
Inhabits *Europe*, in gardens.

- Tyrannus*. Black ; snout and thighs fanguineous : antennæ capillar at the tip.
Inhabits *Italy*. *Fore-thighs* annulate with black.
- Schach*. Black ; head, scutel, and 2 spots on the upper-wings scarlet : antennæ capillar at the tip.
Inhabits *Italy* ; size of the last : *legs* black.
- Bifasciatus*. Black ; upper-wings testaceous with 2 white streaks : antennæ capillar at the tip.
Inhabits *Germany*.
- Unifasciatus*. Pubescent, black : hind margin of the thorax ; tip of the scutel and upper-wings yellow, the latter with a black band and dot at the tip.
Inhabits *Germany* ; large.
Antennæ black, yellow at the base : *under-wings* black, yellowish at the base : *abdomen* black with a yellow line at the sides.
- Flavovarius*. Black ; scutel yellow : upper-wings pale with a black band and dot at the tip.
Inhabits *Germany* ; less than the last.
Thorax with a pale dorsal line : *under-wings* white : *abdomen* yellow edged with black : *legs* yellow.
- **Umbratilis*. Black ; upper-wings with yellow lines, the tip with a white band : antennæ capillar at the tip.
Inhabits *Europe* ; middle-sized. *Legs* piceous.
- **Flavicolis*. Black ; head thorax and legs rufous : antennæ capillar at the tip.
Inhabits *England* ; size of *C. ater*.
Antennæ black with a rufous bristle at the tip : *mouth* and *eyes* black : *thighs* with a black ring.
- Rubricollis*. Black ; thorax rufous : antennæ capillar at the tip.
Inhabits *Barbary*. *Lygæus ruficollis*. *Fabricius*. n. 157.
Antennæ black, the tip pale : *body* glossy-black.
- **Trifasciatus*. Black ; upper-wings with 3 rufous bands : antennæ capillar at the tip.
Inhabits *Europe*. *Schæff. Icon. tab. 13. fig. 8.*
Antennæ rufous, black at the tip.

Olivaceus.

- olivaceus*. Upper-wings rusty-brown, the tip scarlet with a black dot : antennæ capillar at the tip :
Inhabits Germany. Schæff. Icon. tab. 13. fig. 2.
Head glaucous : antennæ rufous, the joints tipped with black : thorax olive, blackish before : scutel black edged with rufous : body black.
- eticornis*. Black ; upper-wings brown pale at the base, the tip with a scarlet dot : antennæ capillar at the tip.
Inhabits Germany. Body beneath black.
- capillaris*. Yellowish ; upper-wings scarlet at the tip : antennæ black, capillar at the tip.
Inhabits Germany, in gardens.
Upper-wings ending in a black dot : abdomen carinate black, the edges yellowish.
- Gothicus*. Black ; scutel and tips of the upper-wings scarlet : antennæ capillar at the tip.
Inhabits Europe. Schæff. Icon. tab. 13. fig. 5.
Margin of the thorax and upper-wings pale.
- emiflavus*. Body black : thorax and legs testaceous : antennæ capillar at the tip.
Inhabits Sweden ; size of *C. ater*.
Head and base of the antennæ covered with white hairs.
- erythropus*. Snout arched : thorax emarginate behind : legs red : antennæ capillar at the tip.
Inhabits Barbary ; probably not of this division.
Body varied with red and black : antennæ brown : upper-wings rufous : abdomen black, the edge varied with red and black.
- utellaris*. Black ; scutel ferruginous : antennæ capillar at the tip.
Inhabits Germany ; middle-sized.
Body and legs black : under-wings hyaline.
- tho-mar-inatus*. Black : orbits and margins of the upper-wings pale : antennæ capillar at the tip.
Inhabits France : less than *C. gothicus*.
Thorax in one sex edged with rufous : body black, in one sex with a white line each side : legs black.

- Danicæ.* Rufous ; base of the thorax fuscous of the upperwings: and abdomen black : antennæ capillar at the tip.
 Inhabits *Denmark*. *Lygæus danicus*. *Fabri ius. n. 165.*
Antennæ black, the joints paler at the base : tip of the *upper-wings* with a small black dot: *legs* rufous.
- Palliatus.* Black ; margin of the thorax and upper-wings and 2 lines on the abdomen rufous: antennæ capillar at the tip.
 Inhabits *Barbary*. Tip of the *upper-wings* red.
- Tricolor.* Black ; upper-wings with a scarlet spot at the tip : antennæ capillar at the tip.
 Inhabits *Denmark*, on the nettle.
Under-wings black with a marginal transverse pale spot: *legs* black: *head* and *shanks* sometimes rufous.
- **Spissicornis.* Blackish-brown ; legs yellow ; antennæ very thick in the middle and capillar at the tip.
 Inhabits *Europe*. *Donovan's English. Inf. iv. tab. 135.*
 Small. *Upper-wings* with a yellow spot at the tip: *under-wings* pale purple, yellow at the base: *abdomen* black. The *larva* resembles the perfect insect except that it is without wings and the *abdomen* is pale purple with a black line down the middle.
- Flavo-maculatus.* Black ; upper-wings with 2 yellow spots, the hind-one with a black dot.
 Inhabits *Germany*. *Body* black: *legs* rufous.
- Cimbricus.* Thorax and upper-wings reddish with a scarlet spot at the tip of the latter, a black one and a double white one: antennæ capillar at the tip.
 Inhabits *Denmark*. *Mull. Zool. Dan. p. 106. n. 1212.*
- Trilineatus.* Black ; thorax and legs cinereous: upper-wings brown with 3 transverse white lines: antennæ capillar at the tip.
 Inhabits *Denmark*. *Mull. Zool. Dan. p. 106. n. 1213.*
- Planicornis* Black ; under-wings white: legs yellowish-grey: antennæ capillar at the tip, the middle joint compressed and very large.
 Inhabits *Belgium*. *Pall. Spic. Zool. 9. tab. 1. fig. 13.*

Hasticornis.

- Haeticornis*. Rufous; breast and abdomen with white and black bands: antennæ capillar at the tip, the last joint but one compressed rounded.
Inhabits *Africa*. *Thunb. Nov. Inf.* 3. p. 53 n. 64.
- Punctipes*. Yellowish: thighs dotted with brown: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 137.
- 4 maculatus* Yellowish; thorax with 4 brown spots: antennæ capillar at the tip
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 138.
- Fuliginosus* Black; head thorax and upper-wings reddish: hind-part of the thorax brown: scutel yellowish: tip of the upper-wings scarlet: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 139.
- Erythrochlo-
rus*. Reddish; thorax and scutel yellow: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 140.
- Chrysocephalus*. Black; head yellow with a black line: upper-wings reddish-brown, the tip inflected scarlet: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 141.
- Stramineus* Black; upper-wings pale, the tip inflected scarlet: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 142.
- Concolor*. Brown; head and thorax rufous: capillar antennæ and scutel yellow: legs pale.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 143.
- Tomentosus*. Head and thorax brown with yellow down: abdomen rufous: upper-wings pale brown, the tip inflected yellow with a black dot at the end: antennæ capillar at the tip.
Inhabits *Europe*. *Mes. Lesk.* p. 122. n. 144.
- Melano-
chrysus*. Black; hind-part of the scutel and inflected, tip of the upper-wings yellow: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 122. n. 145.

- Bivenis.* Black ; upper-wings yellow-brown, the tip inflected yellow with 2 red veins: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 146.
- Leucozonius* Black ; antennæ capillar at the tip, red at the base: hind-part of the the thorax and scutell yellow: upper-wings rufous with an oblique white band and inflected tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 147.
- Tricoloratus* Black ; upper-wings yellow with a brown transverse band and tip: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 148.
- Oebromelas* Black ; antennæ capillar at the tip, yellow at the base: upper-wings inflected at the tip, yellow at the base: legs yellow.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 149.
- Exoletus.* Black ; hind-part of the thorax flanks and upper-wings pale, the tip of the latter inflected with a rufous margin: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 150.
- Phænicopterus.* Brown ; head, thorax and upper-wings reddish: capillar antennæ and legs pale.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 151.
- Fuscoculus* Yellow; eyes brown: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 152.
- Leucogrammus.* Above reddish: head with a white line, thorax with 3, abdomen with 1 each side beneath: under-wings white in the middle and at the outer margin, the tip inflected yellow: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 153.
- Expalles-cens.* Brown ; head belly and upper-wings pale, the latter slightly clouded with brown: thorax subconic with 3 brown lines: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 154.
- Flavescens.* Pale yellow: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk.* p. 122. n. 155.

Flavidus.

- laevius*. Yellowish; head brown each side: base of the scutel and inflected tip of the upper-wings brown: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 156.*
- allelescens*. Pale with rufous specks: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 158.*
2. Scutel yellow. *Mus. Lesk. p. 122. n. 159.*
- leucodermis*. Ovate, pale: membrane of the upper-wings white: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 162.*
- bicolor*. Black; upper wings grey, the tip and end of the membrane white: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 160.*
- imperialis*. Black; outer margin of the upper-wings, base and inflected tip yellow: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 161.*
- Melanorhous*. Capillar antennæ, margin of the thorax, tip of the scutel, legs and abdomen yellow, the latter tipped with black.
Inhabits *Europe*. *Mus. Lesk. p. 122. n. 163.*
- Vittatus*. Black; fore and hind-margin of the thorax and scutel yellow: base of the antennæ and upper-wings red, the latter with a longitudinal pale stripe and inflected at the tip: antennæ capillar at the tip.
Inhabits *Europe*. *Donovan's Eng. Inf. vii. tab. 252. fig. 1.*
Membrane of the upper-wings and under-wings pale purple.
- Melanogaster*. Ovate, reddish: middle of the abdomen beneath black: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 123. n. 166.*
- ordens*. Ovate, black: thorax and legs rufous, the latter varied with brown: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 123. n. 167.*
- titillinus*. Ovate, yellow: upper-wings reddish towards the tip: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk. p. 123. n. 168.*

- Hæmatocephalus*. Ovate, black: head rufous: upper-wings reddish-brown, rufous at the tip: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 169.*
- Leoninus*. Ovate, yellow-rufous: thorax with 2 black spots before: upper-wings pale, the tip brown inflected: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 170.*
- Carbonarius*. Ovate, black: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 171.*
- Notatus*. Ovate, pale: tip of the upper-wings inflected with a brown dot at the angle: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 172.*
- Dicers*. Ovate; above pale, beneath yellow: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 173.*
- Fuscescens*. Ovate, black: head and upper wings pale, the outer margin and inflected tips brownish: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 174.*
- Melanopterus*. Ovate, brown: head and fore-part of the thorax yellow: upper-wings black, the base, middle of the fore-margin and inflected tip yellow: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 175.*
- Leucoceras*. Brown; upper-wings legs and antennæ whitish, the latter capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 176.*
- Ochropterus*. Black; thorax upper-wings and legs yellowish: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 177.*
- Melanoleucos*. Ovate, black; head, back of the thorax, band in the middle of the upper-wings and inflected tip white: antennæ capillar at the tip.
Inhabits Europe. *Mus. Lesk. p. 123. n. 178.*

Erythrogaster.

- Erythrogaster*. Ovate, fore-part of the thorax black: head and upper-wings pale, the latter with brown dots and inflected tip: abdomen reddish: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 179.
- Sticticus*. Ovate, black: head and upper-wings pale: thighs dotted with black.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 180.
- Nubilus*. Ovate, black: upper-wings white with black clouds: legs reddish: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 181.
- Leucopus*. Brown; capillar antennæ thorax upper-wings and legs whitish.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 182.
- Conspersus*. Ovate, reddish: upper-wings white with rufous specks: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 183.
- Chloropterus*. Pale; thorax upper-wings and abdomen greenish: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 184.
- Albicans*. Ovate, pale; under-wings white: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 185.
- Albidus*. Ovate, reddish: upper-wings, capillar antennæ and legs whitish.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 186.
- Brunneus*. Ovate, chestnut-brown: under-wings white: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 187.
- Chrysopus*. Ovate, black; head, outer margin of the upper-wings and legs yellow: antennæ capillar at the tip.
Inhabits *Europe*. *Mus. Lesk.* p. 123. n. 188.

- * *Flavo-marginatus* Black; outer margins of the thorax and line down the middle, scutel and tip of the upper-wings rufous.
Inhabits *England*. *Donovan's Eng. Inf. vii tab 245.*
Orbits rufous: outer-edges of the *upper-wings* and base of the *thighs* yellow.
- Agilis.* Thorax black, the hind-margin yellow: upper-wings brown, pale at the base and tip.
Inhabits *Germany*; resembles the next.
- Scriptus.* Black; thorax with 3 white lines: upper-wings with white lines, the tip red.
Inhabits *France*; size of *C. gothius*.
Antennæ subcapillar: *body* black.
- Hyalinatus.* Black; base of the upper-wings band in the middle and lunule at the tip white hyaline.
Inhabits *Italy*; small.
Antennæ dull ferruginous: hind-margin of the *upper-wings* with 3 or 4 white dots: *legs* black: *thighs* dull ferruginous.
- Varius.* Yellowish; head and margin of the scutel black.
Inhabits *Germany*; small.
Antennæ pale at the base: hind-margin of the *thorax* black, the tip with a lateral rufous dot: *upper-wings* varied with yellow and brown, a rufous dot at the tip: *body* and *legs* yellowish.
- * *4-punctatus.* Orange varied with black: hind-margin and 4 transverse dots in the middle of the thorax and tip of the upper-wings black.
Inhabits *England*. *Donovan's Eng. Inf. iii. tab. 101. fig. 1, 2, 3.*
Antennæ yellow: *eyes* black: edges of the *scutel* and suture of the *upper-wings* black: *body* and *legs* orange.
- Multicolor.* Above sanguineous: thorax upper-wings and scutel edged with white.
Inhabits the *Cape of good hope*. *Thunb. Nov. Ins. 2. p. 52.*
Body beneath cinereous or livid.
- Adpersus.* Above ferruginous edged with brown; beneath cinereous dotted with black.
Inhabits——*Thunb. Nov. Ins. 3. p. 53.*

- Texophthalmus*. Above cinereous, beneath white: breast with 3 cinereous bands.
Inhabits *Africa*. *Thunb. Nov. Ins.* 3. p. 54.
Head red, black in the middle: *antennae* and *legs* black.
- Albescens*. Varied with red and black: membrane of the upper-wings snowy.
Inhabits *Africa* and *Surinam*. *Stoll. Cimic. tab.* 2. fig. 80.
Body varied with red and black dots and lines: *antennae*, *front*, *scutell* and *legs* black.
- Purpureus*. Sanguineous; head membrane of the upper-wings and legs black.
Inhabits *Africa*. *Thunb. Nov. Ins.* 3. p. 57. fig. 67.
Body above immaculate: *antennae* black.
- Nebulosus*. Yellowish; thorax with 4 brown lines; upper-wings with 3 brown bands.
Inhabits *Africa*. *Thunb. Nov. Ins.* 3. p. 59.
- Cafer*. Black; thorax with a white band: upperwings ferruginous with 4 white spots.
Inhabits *Africa*. *Thunb. Nov. Ins.* 3. p. 59. fig. 70.
- Candelabrum*. Black marked with red and green: thorax with a red mark at the base resembling a candlestick, the candle reaching up the head.
Inhabits *Antigua*. *Drury. Ins.* 1. tab. 45. fig. 1.
- Flaviger*. Black; spots on the upper-wings and incisures of the abdomen red: thorax flesh-colour with oblique black streaks and a club-shaped cinereous spot.
Inhabits *Antigua*. *Drury. Ins.* 1. tab. 45. fig. 5.
- Triops*. Grey; upper-wings with 3 black spots placed longitudinally.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 107. n. 1216.
- Inauratus*. Yellowish; thorax with an interrupted black line, upper-wings with 2 oblique yellow ones.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 107. n. 1221.
- Airtus*. Black; upper-wings with a longitudinal pale blotch.
Inhabits *Denmark*. *Mull. Zool. Dan.* p. 108. n. 1234.

- Cantharinus*. Black ; thorax 1-toothed with a white circle : upper-wing cinereous with 4 yellow spots : scutel yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1235.
- 6-maculatus*. Black ; 6 spots on the upper-wings and legs yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1238.
- Dejes.* Black ; thorax with 3 yellow lines : scutel and margin of the upper-wings yellow.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1239.
- Nanus*. Yellow testaceous : eyes black prominent : thorax with 4 brown spots : upper-wings with black bands.
Inhabits Surinam. *Degeer. Inf. tab.* 34. fig. 25.
- Arcuatus*. Black ; snout curved : upper-wings whitish with a white spot and black arch : 4 of the thighs clavate red.
Inhabits Surinam. *Degeer. Inf.* 3. tab. 35. fig. 4.
- Rubellus*. Sanguineous ; upper-wings membranaceous white ; antennæ and legs pale.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1241.
- Luteus*. Yellow ; thorax with 4 black dots : upper-wings with 6 black streaks.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1242.
- Mulleri*. Sanguineous ; thorax with a transverse black line : upper-wings with a white dot towards the tip.
Inhabits Denmark. *Mull. Zool. Dan.* p. 108. n. 1243.
- Gallorum*. Black ; upper-wings brown with a yellowish and white dot.
Degeer. Inf. 3. p. 279. n. 23.
Found on plants which have been injured by the *Aphis*.
- Flavo-fulvus*. Yellow-tawny : upper-wings brown with fulvous veins : legs spotted with black.
Inhabits Surinam. *Degeer. Inf.* 3. tab. 34. fig. 22.
- Degeeri*. Brown ; thorax yellow before : upper-wings red at the base with a yellow spot in the middle.
Inhabits Surinam. *Degeer. Inf.* 3. tab. 34. fig. 23.

- Erythrozonias*. Black-brown: snout curved: margin of the thorax and abdomen and transverse bands on the latter red.
Inhabits India. Degeer. *Inf.* 3. tab. 35. fig. 12.
- Bifurcatus*. Blackish; abdomen yellow forked.
Inhabits Germany. Schæff. *Icon.* tab. 11. fig. 15, 16.
- Triangularis*. Blackish-yellow: thorax black triangular with a black spot in the middle: upper-wings with 2 scarlet spots at the tip.
Inhabits Germany. Schæff. *Icon.* tab. 13. fig. 2.
- Laematosictos*. Yellow; upper-wings with 2 sanguineous spots.
Inhabits Germany. Schæff. *Icon.* tab. 13. fig. 2.
- Digrammus*. Yellowish with reddish spots: upper-wings with 2 whitish lines at the tips.
Inhabits Germany. Schæff. *Icon.* tab. 13. fig. 9.
- punctatus*. Blackish-brown; back with 5 white dots.
Inhabits Germany. Schæff. *Icon.* tab. 13. fig. 12.
- Rubecula*. Neck and thorax reddish: legs red.
Inhabits Germany. Schæff. *Icon.* tab. 112. fig. 7.
- tolatus*. Rich red: upper-wings with 2 black longitudinal stripes.
Inhabits Germany. Schæff. *Icon.* tab. 119. fig. 3.
- striatus*. Blackish-tawny: margin of the upper-wings with 3 black striæ.
Inhabits Germany. Schæff. *Icon.* tab. 185. fig. 4, 5. a. b.
- M. flavum*. Blackish; thorax and margin of the upper-wings forming a yellow M.
Inhabits Germany. Schæff. *Icon.* tab. 199. fig. 4, 5.
- . flavum*. Varied with different shades of yellow: margin of the thorax forming a yellow V.
Inhabits Germany. Schæff. *Icon.* tab. 199. fig. 6, 7.
- circulus*. Blackish; upper wings with 4 white spots: thorax sphærical, the margin dotted with white.
Inhabits Germany. Schæff. *Icon.* tab. 248. fig. 3, 4.

- Insignitus.* Deep black: upper-wings with a deep blotch.
Inhabits Germany. Schaeff. Icon. tab. 266. fig. 4. a, b.
- Celer.* Brassy-brown with impressed dots: abdomen above red, emarginate at the tip.
Inhabits near the Adriatic. Scopol. Ent. Carn. p. 126. n. 366.
- Rugosus.* Head toothed each side: abdomen reddish: back with 4 longitudinal plaits.
Inhabits Carniola. Scopol. Ent. Carn. p. 126. n. 367.
- Pandurus.* Varied with red and black: thorax red with black lines: upper-wings red with a black spot in the middle; the tip and 3 dots white.
Inhabits Carniola. Scopol. Ent. Carn. p. 126. n. 368.
- Trinervis.* Upper-wings membranaceous, the nerves dotted with brown, a ferruginous triangular spot at the margin.
Inhabits Carniola. Scopol. Ent. Carn. p. 129. n. 373.
- Maritimus.* Blackish; upper-wings testaceous dotted with brown, with a black heart-shaped spot: antennæ and legs ferruginous.
Inhabits Carniola. Scopol. Ent. Carn. p. 129. n. 374.
- Alpinus.* Blackish; upper-wings with ferruginous dots, the membrane with brown lines: legs ferruginous.
Inhabits Carniola. Scopol. Ent. Carn. p. 129. n. 375.
- Idriaeus.* Blackish; upper-wings and legs ferruginous.
Inhabits Idria. Scopol. Ent. Carn. p. 130. n. 377.
- Hybridus.* Black; snout curved: abdomen and upper-wings red with 2 black spots, the membrane brownish with a black spot at the base.
Inhabits Carniola. Scopol. Ent. Carn. p. 131. n. 380.
- Meriopterus.* Snout and legs citron: second joint of the antennæ compressed villous terminated by 2 pale setaceous joints.
Inhabits Carniola. Scopol. Ent. Carn. p. 131. n. 382.
- Æquinotialis.* Upper-wings entirely coriaceous, villous white, the nerves dotted with brown; fore-thighs thicker.
Inhabits Carniola, chiefly on the Cynoglossum omphalodes.
Scopol. Ent. Carn. p. 132. n. 383.

- Umbellat-
rum.* Ferruginous ; abdomen and tips of the thighs with brown bands.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 133. n. 387.*
- Acellana.* Black ; upper-wings brown, the base and tip white : legs fulvous.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 134. n. 388.*
- Genista.* Brown, subvillous : under-wings hyaline.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 134. n. 380.*
- Hortensis.* Black ; antennæ with 3 knots : snout and legs yellow.
Inhabits *Carniola*. *Scopol. Ent. Carn. p. 134. n. 390.*
- Pellucidus.* Black-brown : legs pale : upper-wings pellucid, the tip brown.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 438. n. 7.*
- Marmorat-
tus.* Varied with yellow and black : eyes very large,
Inhabits *France*. *Geoffr. Inf. par. 1. p. 438. n. 8.*
- Trigonus.* Black ; thorax and upper-wings red, the latter with a triangular black spot at the tip.
Inhabits *France*. *Geoffr. Inf. par. 1. n. 10.*
- Raii.* Varied with red and black : under-wings white at the base
Inhabits *France* *Ray. Inf. p. 55. n. 2.*
- Maculosus.* Varied with red and black : upper-wings with a black dot, under-ones with a white spot.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 433. n. 15.*
- Tessellatus.* Thorax black with 3 red lines : upper-wings tessellate with red and black, the border black.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 443. n. 16.*
- Croceus.* Saffron ; tip of the upper-wings red, under-ones black : second joint of the antennæ clavate.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 444. n. 17.*
- Subfuscus.* Green-brown : nerves of the upper-wings punctured.
Inhabits *France*. *Geoffr. Inf. par. 1. p. 448. n. 25.*

Melanchros.

- Melanochros.* Brown ; antennæ legs and margin of the abdomen varied with black and yellow.
Inhabits France. *Geoffr. Inf. par.* 1. p. 449. n. 26.
- Nævin.* Varied with cinereous and black : under-wings glaucous.
Inhabits France. *Geoffr. Inf. par.* 1. p. 449. n. 27.
- Cinereus.* Black ; thorax cinereous behind : upper-wings brown tipped with white.
Inhabits France. *Geoffr. Inf. par.* 1. p. 450. n. 29.
- Viridescens.* Pale greenish ; thighs dotted with black.
Inhabits France. *Geoffr. Inf. par.* 1. p. 450. n. 30.
- Erythropterus.* Black ; upper-wings rufous on the fore-part : under-wings spotted with white.
Inhabits France. *Geoffr. Inf. par.* 1. p. 451. n. 31.
- Punctulus.* Black dotted with brown ; under-wings veined.
Inhabits France. *Geoffr. Inf. par.* 1. p. 451. n. 32.
- Cordiger.* Chestnut ; scutel with a yellow heart-shaped spot : under-wings tipped with yellow.
Inhabits France. *Geoffr. Inf. par.* 1. p. 453. n. 35.
- Retlicornis.* Yellowish ; thorax with 2 black bands : scutel with yellow spots : antennæ pointed forwards.
Inhabits France. *Geoffr. Inf. par.* 1. p. 453. n. 36.
- Termaculatus.* Black ; thorax with 3 yellow bands : scutel and tip of the upper-wings spotted with yellow.
Inhabits France. *Geoffr. Inf. par.* 1. p. 454. n. 37.
- Chloris.* Green-yellow ; head and thorax spotted with black : upper-wings green.
Inhabits France. *Geoffr. Inf. par.* 1. p. 455. n. 39.
- Obscatus.* Green ; upper-wings with a brown spot.
Inhabits France. *Geoffr. Inf. par.* 1. p. 455. n. 40.
- Lineolatus.* Green ; upper-wings whitish at the tip : scutel with a brown line.
Inhabits France. *Geoffr. Inf. par.* 1. p. 455. n. 41.

Viridiusculus.

- iridiusculus*. Green ; thorax and scutellum with 4 black lines : upper-wings brown within.
Inhabits France. Geoffr. *Inf. par.* p. 456. n. 42.
- onicus*. Ashy-brown : eyes prominent : upper-wings nervous.
Inhabits France. Geoffr. *Inf. par.* 1. p. 458. n. 49.
- eniculus*. Black ; head, tip of the upper-wings and joints red-ferruginous.
Inhabits France. Geoffr. *Inf. par.* 1. p. 459. n. 50.
- chloromelas*. Black ; legs varied with green and black.
Inhabits France. Geoffr. *Inf. par.* 1. p. 459. n. 52.
- tratus*. Body and under-wings entirely deep black.
Inhabits France. Geoffr. *Inf. par.* 1. p. 460. n. 63.
- brachypterus*. Pale ; body linear ; upper-wings shorter than the body.
Inhabits Europe. Mus. Lesk. p. 124. n. 189.
- utescens*. Yellowish ; abdomen paler.
Inhabits Europe. Mus. Lesk. p. 124. n. 190.
- raminosus*. Pale : thorax with a brown line each side : upper-wings greenish : abdomen yellowish.
Inhabits Europe. Mus. Lesk. p. 124. n. 191.
- erbaceus*. Greenish ; head and antennæ reddish.
Inhabits Europe. Mus. Lesk. p. 124. n. 194.
- ilatus*. Pale thorax with 3 brown lines : abdomen black, the margin dilated, red or yellow, beneath brown pale in the middle.
Inhabits Europe. Mus. Lesk. p. 124. n. 195.
- ukens*. Entirely pale reddish.
Inhabits Europe. Mus. Lesk. p. 124. n. 196.
- lbitarsus*. Black ; sides of the thorax upper-wings and legs whitish.
Inhabits Europe. Mus. Lesk. p. 124. n. 197.
- uamatus*. Black ; legs pale : 2 white scales in the place of the upper-wings.
Inhabits Europe. Mus. Lesk. p. 124. n. 198.

Fuscoannulatus.

- Fuscoannulatus*. Black : fore-part of the upper wings and hind-part of the thorax grey : legs annulate with brown.
Inhabits Europe. *Mus. Lesk. p. 120. n. 114.*
- Macropus*. Black : upper-wings grey spotted with black at the membrane : fore-thighs very thick ; flanks reddish.
Inhabits Europe. *Mus. Lesk. p. 120. n. 115.*
- Fenestratus*. Pale : upper-wings disaphanous with pale rufous nerves.
Inhabits Europe. *Mus. Lesk. p. 120. n. 118.*
- Griseatus*. Brown : upper-wings grey tipped with brown : thighs black, grey at the base.
Inhabits Europe. *Mus. Lesk. p. 120. n. 121.*
- Denigratus*. Black ; upper-wings grey-brown ; the tip of the membrane and spot at the base white.
Inhabits Europe. *Mus. Lesk. p. 120. n. 122.*
- Biguttulus*. Brown ; upper-wings with white spots, the membrane with white brown veins and 2 spots ; legs pale.
Inhabits Europe. *Mus. Lesk. p. 120. n. 123.*
- Leucophlebs*. Black ; upper-wings chestnut-brown, the membrane with white veins.
Inhabits Europe. *Mus. Lesk. p. 120. n. 124.*
- Monopunctatus*. Black ; upper-wings yellow-brown with a white dot, the membrane with a white mark each side : legs yellow.
Inhabits Europe. *Mus. Lesk. p. 121. n. 125.*
- Erythrurus*. Reddish ; legs and upper-wings pale, the latter reddish at the tip.
Inhabits Europe. *Mus. Lesk. p. 121. n. 126.*
- Ochrorhous*. Brown tail yellow : upper-wings yellow polished, with a double brown dot on the disk and a single one at the tip.
Inhabits Europe. *Mus. Lesk. p. 121. n. 128.*
- Platycerus*. Reddish ; antennæ compressed broad rufous.
Inhabits Europe. *Mus. Lesk. p. 121. n. 129.*

4-striatus.

- striatus*. Grey; thorax with 4 longitudinal raised lines.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 131.
- scicaudis*. Head and thorax brown: upper-wings grey tipped with brown.
Inhabits *Europe*. *Mus. Lesk.* p. 121. n. 192.
- c. *Lip short, rounded: body long, linear.* Gerris.
- laucustris*. Black: fore-legs very short.
Donovan's English. Inj. iv. t. 118. fig. 11. *Degeer.* 39. t. 16. f. 7.
Inhabits *Europe* in ditches and about stagnant waters, on the surface of which it runs with great celerity.
Eyes large prominent: body beneath changeable to white.
- aludum*. Black, silvered beneath: margin of the abdomen subferruginous.
Inhabits *France*; twice as large as the last.
Body above striate, beneath silky.
- offarum*. Above brown with a yellow dorsal line: margin of the thorax and scutellum yellow.
Inhabits *Inaia*; larger than *C. laucustris*.
Head black with 2 yellow lines: orbits yellow: fore-legs short, the others yellow.
- Stagnorum*. Blackish and nearly round: thorax with 2 globular dots in the middle.
Donovan's Engl. Inf. ii. tab. 38. *Degeer.* 3. tab. 15. fig. 24.
Inhabits *England*, on the surface of stagnant waters.
- luculorum*. Black dotted with white: abdomen fulvous.
Inhabits Mountainous rivulets of *Alsace*.
Thorax a little reddish on the fore-part with a minute white dot each side: hind-thighs 2-toothed.
- callipes*. Black; legs pale: breast 2-spined.
Inhabits *Italy*; small.
Margin of the abdomen palish.
- uliciformis*. Grey; upper-wings with black blotches: thorax many-spined.
Inhabits *America*. Long, rough.
Thorax with 4 spines before, surrounding the head, and 4 short ones behind: legs pale.

- Mantis.* Brown; streak on the upper-wings and joints of the legs white.
In the *British Museum*.
Antennae very long, varied with brown and white: *head* small: *fore-legs* long: base of the *thighs* white.
- Tipuliformis.* Sanguineous; under-wings and legs black: antennæ very long.
Inhabits *Guinea*.
Fore lobe of the *thorax* subspinous: *upper-wings* brown on the inner margin: *legs* long.
- Præcatorius* Brown: head and thorax 2-spined: margin of the abdomen elevated behind and obtuse: antennæ very long.
Inhabits *Guinea*. Middle sized.
Head with 2 small spines behind the antennæ: *thorax* with a sharp spine each side: *abdomen* and *legs* pale.
- Pedes.* Body varied with brown and yellow: hind-thighs long, toothed.
Inhabits *India*. *Gerris pedestris*. *Fabricius*. n. 11.
Thorax reddish with a yellowish lateral line: *upper-wings* brown: *body* beneath varied with brown and yellow.
- Filiformis.* Antennæ ferruginous: body linear pale greenish.
Inhabits *America*; size of the former-ones.
- Oratorius.* Greenish; antennæ white before the tip.
Inhabits *India*: middle-sized.
Abdomen rufous above.
- Angustatus* Above grey, beneath yellowish: antennæ and legs subtestaceous.
Inhabits *China*: size of *C. culiciformis*.
- Filum.* Brown; under-wings abbreviated: legs very long.
Inhabits *East India*. *Legs* pale with a brown ring.
- Longipes.* Black; margin of the thorax and band on the upper-wings sanguineous.
Inhabits *America*.
Legs long black: *hind-thighs* with a red ring.

ursitans. Above brown. beneath pale-ash : legs very long : tail 2-toothed.

Inhabits *New Holland* ; large.

Snout short tip with black : *thorax* with a black dorsal line, the margin palish : *upper-wings* striate : *spines* at the end of the tail ferruginous tip with black : *fore-legs* as long as the body, 4 hind-ones 4 times as long.

Vagabundus. All the wings varied with brown and white : legs very long, annulate with cinereous.

Inhabits *Europe*. *Degeer. Inf. 3. tab. 17. fig. 1.*

Antennæ very long, varied with brown and white.

agustus. Black ; head and thorax elongated.

Inhabits——*Thunb. Norv. Inf. 3. p. 59. fig. 71.*

ualidus. Brown ; upper-wings varied with grey and brown ; legs and antennæ alternately annulate with grey and brown.

Inhabits *Europe*: *Mus. Lesk. p. 124. n. 201.*

nearis. Green ; antennæ pointing forwards.

Inhabits *France*. *Geoffr. Inf. par. 1. p. 458. n. 47.*

nigratus. Whitish ; eyes brown : scutel with a black spot.

Inhabits *France*. *Geoffr. Inf. par. 1. p. 458. n. 48.*

rtorum. Green ; eyes brown : second joint of the antennæ white at the base : shanks pale.

Inhabits *Europe*. *Degeer. Inf. 3. p. 239. n. 31.*

uloides. Grey ; antennæ spotted with red : thighs red at the tip ; all the thighs nearly equal.

Inhabits *Surinam*. *Degeer. Inf. 3. tab. 35. fig. 18.*

ridiona. Black-brown : legs testaceous : thighs thick : upper-wings shorter than the abdomen..

Inhabits *Surinam*. *Degeer. Inf. 3. tab. 35. fig. 21.*

ragramus. Blackish : abdomen deep black with 4 oblique white lines.

Inhabits *Germany*. *Schæff. Icon. tab. 43. fig. 7. 8.*

zneoides. Pale yellow ; legs very long.

Inhabits *Germany*. *Schæff. Icon. tab. 169. fig. 7.*

Impennis. Apterous, brown: abdomen fulvous with a black spot at the base dotted with white.

Inhabits *Italy*. *Gerris apterus*. *Fabricius*. n. 21.

Thorax dull testaceous with 3 obsolete white dots before: *abdomen* cylindrical, the margin reflected, with 5 white dots 4. 1. within a black one: *hind-thighs* thick, toothed.

Currens. Apterous, brown: margin of the abdomen elevated, fulvous dotted with black.

Inhabits *Waters of Italy*.

Margin of the *thorax* slightly ferruginous: *abdomen* cylindrical, ferruginous at the edge, with 5 black dots, beneath is a broad fulvous line down the middle.

3-spinosus. Grey-brown; back with 3 erect spines, antennæ clavate.

Inhabits *Surinam*. *Degeer*. *Inf.* 3. tab. 35. fig. 19.

**Tipularius* Whitish: all the legs very long: antennæ biclavate.

Inhabits *Europe*. *Frisch*. *Inf.* 7. tab. 20.

Suecicus. Cinereous; thighs clavate: antennæ biclavate.

Inhabits *Sweden*. *Gerris clavipes*. *Fabricius*. n. 20.

d. *Sheath* 4 jointed, the first membranaceous: body long and narrow. *Miris*.

**Dolabra-* Upper-wings ferruginous, whitish at the sides: antennæ
tus. black: thorax with a white line.

Inhabits *Europe*., on the *Fesluca natans*.

**Marshani* All the wings pale brown: thorax and abdomen pale yellow with 2 faint crimson lines from the antennæ and meeting at the end of the body.

Inhabits *England*. *Donovan's Engi.* *Inf.* iii. tab. 101. fig. 5. 6.

Body linear: antennæ and legs brown.

**Lævigatus* Whitish, the sides white.

Inhabits *Europe*. *Degeer*. *Inf.* 3. p. 292. n. 30.

Lateralis Black, the sides whitish.

Inhabits *Germany*; size of the last.

Orbits and frontal spot pale: *thorax* with 3 yellowish lines: scutellum with a blackish longitudinal line: *abdomen* with a lateral yellowish line each side.

Halsatus.

- Holsatus*. Whitish; thorax with 2 brown lines: upper-wings brown within.
Inhabits *Germany*; middle-sized.
Antennae whitish: *upper-wings* whitish without and brown within: *body* whitish.
- * *Pabulinus* Green, immaculate: under-wings hyaline.
Inhabits *Europe*. *Degeer. Inf.* 3. p. 283. n. 31.
- Virens*. Green; ends of the legs and tips of the antennæ rufous.
Inhabits *Europe*; twice as large as the former.
- Pallens*. Pale; head and body black.
Inhabits *Sweden*; small.
- Calens*. Head thorax and upper-wings black: scutel fulvous.
Inhabits *India*.
- Gronovii*. Thorax and upper-wings black with a yellow line forming a band on the upper-wings.
Inhabits *India*. *Gronov. Zooph.* 711. *Body* yellowish.
- Erraticus*. Blackish; upper wings white: antennæ livid, the lowest joint black.
Inhabits *Europe*. *Fn. Suec.* 961.
- * *Ferus*. Grey, immaculate.
Inhabits woods of *Europe*.
- Vagans*. Grey; head and thorax with a black line: legs testaceous.
Inhabits *Sweden*; size of the last.
Scutel black with 2 rufous dots: *under-wings* whitish.
- Orientalis*. Brown; head and thorax with 3 white lines: upper-wings edged round with white.
Inhabits *India*. *Miris cingulatus. Fabricius. n.* 12.
Head black with 2 pale dots under the antennæ: *upper-wings* with an obsolete white line down the middle: *body* beneath black with a white line each side.
- Marginellus* Black; thorax with 3 white lines: upper-wings edged round with white, a scarlet spot at the tip.
Inhabits *Italy*. *Body* black immaculate.

- * *Striatus*. Black ; upper-wings striate with yellow and brown, the tip and legs rufous.
Degeer. 3. tab. 15. fig. 14, 15. Schæff. Icon. tab. 13. fig. 4.
 Inhabits *Europe*, on the leaves of the Elm.
- * *Abietis*. Fulvous spotted: legs rufous: thighs thick, toothed.
 Inhabits *Europe*. *Degeer. Inf. 3. tab. 15. fig. 20, 21.*
- * *Ulmi*. Above rust-colour: upper-wings with sanguineous striæ: under-wings varied behind with white and brown.
 Inhabits *Europe*, on the Elm. *Head and thorax rufous.*
- Mutabilis*. Black ; under-wings blue: antennæ and legs yellow.
 Inhabits *Europe*. *Fu. Suec. 967.*
- Succineus*. Green ; upper-wings with 6 rosy spots: legs with a tinge of red.
 Inhabits *Europe*. *Degeer. Inf. 3. p. 239. n. 32.*
- Subapterus*. Grey ; under-wings very short: abdomen dotted with black.
 Inhabits *Europe*. *Degeer. Inf. 3. tab. 15. fig. 10.*
- B. *Antennæ inserted above the eyes.* Reduvius.
- Gigas*. Black ; margin of the thorax and slightly flexuous band on the upper-wings rufous.
 Inhabits *India* ; larger than *C. personatus*.
Head with 2 raised globular stemmata : thorax with a small spine before : abdomen black edged with rufous.
- * *Personatus*. Antennæ capillar at the tip: body subvillous brown.
 Inhabits *Europe*. *Degeer. Inf. 3. tab. 15. fig. 7.*
 The larva preys on the common house-bug:
- Villosus*. Villous, black ; tip of the scutel recurved and pointed.
 Inhabits *Barbary* ; less than the last.
Thorax with an impressed cross in the middle : legs brown.
- Barbicornis* Black ; thorax and base of the abdomen olive.
 Inhabits *Sierra Leona*. *Drury. Inf. 3. tab. 45. fig. 1.*
Antennæ in one sex bearded with long hairs : thorax with an impressed cross in the middle : scutel raised at the edge : 4 fore-thighs obsoletely toothed. Thorax sometimes olive.

- Afer.* Rufous; thorax with 4 black spots, upper-wings with 3.
Inhabits *Africa*. *Reduvius maculatus*. *Fabricius. n. 5.*
Head red: *antennae* black, the first joint rufous: *thorax* with an impressed cross in the middle: *under-wings* black: *body* beneath rufous dotted with black each side: *legs* rufous.
- Stridulus.* Glabrous, black: upper-wings rufous, the thinner margin cinereous dotted with black.
Inhabits *France*; small: is very active, continually agitating the antennæ and making a shrill noise by rubbing them against the thorax.
Thorax with a transverse impressed streak: *scutel* triangular brown: *upper-wings* cinereous within with 3 black dots: segments 2, 3, 4. of the *abdomen* rufous: *fore-legs* thick.
- Nitidulus.* Black; thorax olive: fore-thighs rufous.
Inhabits *Africa*. *Body* black polished.
- Pilipes.* Black; thorax and tip of the upper-wings covered with cinereous down: legs hairy.
Inhabits *Cayenne*.
Upper-wings cinereous, black at the base, under-ones white: *fore-thighs* and base of the *shanks* cinereous.
- Longipes.* Red; upper-wings black with a red band and base.
Inhabits *America*. *Gron. Zooph. 709.*
Head narrow, rufous behind: *antennæ*, *eyes* and tip of the *snout* black: *thorax* black with a rufous margin: *breast* spotted with black: *legs* twice as long as the body: *abdomen* rufous.
- Phalangium* Rufous; antennæ and elongated legs black.
Inhabits *America*.
Head rufous with 2 brown lines: *snout* black, rufous at the base: back of the *thorax* brown.
- Nigripennis* Rufous; all the wings and abdomen beneath black: *scutel* 2-toothed.
Inhabits *India*; middle-sized.
Antennæ black, the first joint rufous: *thorax* with an impressed cross in the middle: *upper-wings* edged with red: *abdomen* rufous, the margin spotted with black: *legs* red tipped with black.

- Banksii.* Above rufous; under-wings black: abdomen black with a rufous margin.
Inhabits *East India*; middle-sized.
Head rufous: *snout* and *antennae* black: *legs* black: *fore-thighs* rufous.
- Erythropus.* Black; upper-wings grey with black veins: margin of the abdomen and hind-legs rufous.
Inhabits *Cayenne*. *Reduvius rufipes*. *Fabricius*. n. 13.
Large; *thorax* with 3 grey spots: *fore-legs* black, the 4 hind-ones red.
- Binotatus.* Above black; upper-wings with a rufous dot at the tip.
Inhabits *Surinam*. *Reduvius 2-pustulatus*. *Fabricius*. n. 14.
Thorax with a small spine: *abdomen* black, rufous at the tip: *fore-legs* black, the tip of the thighs and base of the shanks rufous; the other legs rufous with a brown ring on the thighs.
- Sacer.* Yellowish; thorax with an impressed cross: upper-wings and middle of the abdomen black..
Inhabits *India*; middle-sized.
Antennae yellowish: *eyes* black: *thorax* with a black cross: all the wings black: *abdomen* black, the margin yellowish spotted with black.
- * *Annulatus* *Antennae* capillar at the tip: body black with sanguineous spots beneath.
Inhabits *Europe*. *Schæff. Icon. tab. 5. fig. 9, 10, 11.*
- Sanguineus.* Black; margin of the abdomen red spotted with black.
Inhabits *Barbary*; small.
Abdomen beneath sanguineous with an olive lateral line.
- Monspeliensis.* Rufous; head breast and macular stripes on the abdomen black.
Inhabits *France*. *Schæff. Icon. tab. 5. fig. 9, 10.*
Head black: *chin* and base of the *snout* red: *antennae* black: fore-lobe of the *thorax* black with 2 red dots: margin of the *abdomen* varied with black.
- Moesius.* Brown; thorax with 3 rufous spots: tip of the scutel and marginal spots on the abdomen rufous.
Inhabits *Guadeloupe*; size of *C. annulatus*.
Antennae villous: *scutel* with 2 rufous lines meeting at the tip: *tail* rufous: *legs* black.

raecinctus Reddish; antennæ and legs annulate with yellow and black.

Inhabits *America*. *Reduvius cinctus*. *Fabricius*. n. 20.

Snout yellowish with a black tip and 2 rings: *head* yellowish: *crown* black with a yellow dot: *thorax* with 3 rufous teeth before and a black one behind: margin of the *abdomen* elevated, varied with black.

obscurus. Black; hind-part of the thorax upper-wings and margin of the abdomen palish.

Inhabits *Africa*. *Reduvius bicolor*. *Fabricius*. n. 21.

Thorax with a distinct black lobe before: *upper-wings* brownish, under-ones black.

ayennensis Dull brown; tip of the antennæ and blotch in the middle of the upper-wings white.

Inhabits *Cayenne*. *Reduvius litura*. *Fabricius*. n. 22.

Antennæ black tipped with white: *thorax* with an impressed cross in the middle: *upper-wings* with white veins.

strelaboidea Varied with testaceous and black: thorax testaceous on the fore-part with 2 black teeth.

Inhabits *New Holland*.

Snout pale with a black dorsal line: *head* black: *thorax* with a black band in the middle: *scutellum* black with a reddish tip: *upper-wings* testaceous, the anterior margin black: *under-wings* black: *body* beneath testaceous: *thighs* annulate with black.

cornutus. Black; hind-part of the thorax, scutellum, margin of the upper-wings, abdomen and base of the thighs rufous.

Inhabits *Tranquebar*; middle-sized.

Antennæ hairy black: *head* with a large tubercle and 2 stemmata: *scutellum* emarginate at the tip: all the wings black, the edge rufous as far as the middle: *abdomen* rufous at the base and tip with black.

quadridens Brown; head, margin of the abdomen and legs olive: thorax 4-toothed before.

Inhabits *Africa*; middle-sized.

Hind-margin of the *thorax* 1-toothed each side: *abdomen* black with a blue gloss, the margin olive at the tip: *legs* olive, the joints black.

gripes. Base of the upper-wings antennæ and legs red: fore-shanks very hairy.

Inhabits *South America*. *Degeer*. *Inf.* 2. *tab.* 35. *fig.* 1.

- Hirtipes.* Thorax subspinous: body black immaculate: shanks cylindrical very hairy.
Inhabits *Cayenne*. Size of the last.
Thorax with an obtuse spine each side: 4 fore-shanks cylindrical obtuse hairy.
- Barbaricus.* Black; thorax and upper-wings dull ferruginous: scutellum with a white line in the middle.
Inhabits *Barbary* *Reduvius hæmorrhoidalis*. *Fabricius*.
Margin of the *abdomen* varied with white: *tail* sanguineous: *thighs* black: *shanks* rufous.
- Robrii.* Thorax subspinous: body black: upper-wings with a red line: margin of the abdomen and articulation of the thighs red.
Inhabits *Cayenne*. *Reduvius lineola*. *Fabricius*. n. 29.
Tail red: *fore-shanks* incurved hairy.
- Stria.* Black; upper-wings with a rufous line at the base: thighs pale at the base.
Inhabits *Cayenne*; size of the last.
Margin of the *abdomen* with pale spots: *legs* black:
- Carbonarius.* Black; upper-wings white behind: head tapering behind and cylindrical.
Inhabits *India*. *Reduvius collaris*. *Fabricius*. n. 31.
Legs simple, black.
- Pacificus.* Varied with rufous and black: margin of the abdomen with an erect obtuse tooth in the middle.
Inhabits *New Holland*. *Reduvius varius*. *Fabricius*. n. 32.
Head impressed in the middle, beneath red: *snout* red: *antennae* ferruginous: *thorax* black before, rufous behind: *scutellum* whitish: *upper-wings* reddish, black at the base: *abdomen* rufous: *tail* black: *legs* rufous, the joints black.
- Edleri.* Thorax subspinous: body black: upper-wings with 3 white spots.
Inhabits *India*. *Reduvius 6-guttatus*. *Fabricius*. n. 33.
Thorax with 4 ferruginous spots behind: sides of the *abdomen* with testaceous spots: *legs* black with testaceous rings.

maculatus Thorax testaceous behind: all the wings black with 4 yellow spots.

Inhabits *India*. Reduvius 4-guttatus. *Fabricius*. n. 34.

Head black: *snout* and *antennae* testaceous: *scutel* black, testaceous at the base: *abdomen* black, the margin testaceous: *legs* testaceous.

oma. Thorax testaceous: all the wings black with a yellow spot in the middle.

Inhabits *India*. Reduvius punctum. *Fabricius*. n. 35.

Head *antennae* and *snout* testaceous: *abdomen* black edged with yellow: *legs* testaceous: *fore-thighs* thick, with a brown spot.

ipes. Black; upper-wings pale with a black dot: *abdomen* rufous: tail black.

Inhabits *India*. Reduvius 2-punctatus. *Fabricius*. n. 36.

Small. *Scutel* black, white at the base: *under-wings* pale with a large black spot.

inatus. Black; upper-wings pale at the base: *under-wings* with a common rufous spot: breast spinous

Inhabits *Cayenne*. Reduvius hamatus. *Fabricius*. n. 37.

Breast with a strong hooked spine between the fore-legs: margin of the *abdomen* elevated spotted with rufous: *thighs* black at the tip.

undus. Black; thorax and margin of the *abdomen* with rufous spots: upper-wings rufous.

Inhabits *Germany*. Schrank. *Natur*. 81. tab. 3. fig. 17.

Snout red at the base: *thorax* with 3 rufous spots: *tail* rufous: *legs* variegated.

ipes. Rufous; band on the thorax, inner-margin of the upper-wings and legs brown.

Inhabits *India*; size of the last.

Snout tip. with black: *scutel* rufous at the base and tip with black: *body* rufous spotted with black: *thighs* rufous at the base.

idus. Black; upper-wings with a red band: *scutel* with an erect bifid spine.

Inhabits *Ghina*; large.

Margin of the *abdomen* carinate: *legs* black: *fore-shanks* a little rufous before the tip.

- Guineensis*. Thorax and scutel sharply spined: upper-wings with a white dot.
Inhabits *Guinea*. *Stoll. Cimic. 2. tab. 11. fig. 64.*
- Cristatus*. Black; upper-wings ferruginous: snout antennæ and shanks yellow: scutel crested ferrate.
Inhabits *America*. *Stoll. Cimic. 2. tab. 1. fig. 6.*
Scutel very large, toothed on the edge, the crest erect and 12 toothed: *thorax* small, spinous before.
- Leucopus*. Brown; antennæ annulate with white: shanks and lateral dots on the abdomen white.
Inhabits *Europe*. *Reduvius albipes. Fabricius. n. 43.*
Abdomen above brown immaculate.
- Ægyptiacus*. Body villous grey: margin of the abdomen variegated with black.
Inhabits *Egypt*; small.
- Leucocephalus*. Olive; thorax upper-wings and margin of the abdomen rufous: antennæ and legs black.
Inhabits *Guinea*; middle-sized.
Snout black, olive at the base: *thorax* 2-spined and rufous on the fore-lobe: *under-wings* pale: *thighs* red at the base.
- Diadema*. Black; head and thorax spinous.
Inhabits *North America*; middle-sized.
Antennæ brown; *head* and *thorax* armed with numerous erect spines: *abdomen* varied with black and yellow: *thighs* and *fore-shanks* spinous.
- 5-spinosus*. Thorax black with 4 yellow spines behind: scutel recurved and spinous at the tip.
Inhabits *India*.
Head black: *snout* and *antennæ* pale: *upper-wings* black with a yellow dot at the base and common band in the middle: *under-wings* black, paler at the tip: *legs* pale.
- Bis 2-spinosus*. Thorax 4-spined: body black: upper-wings testaceous: head and legs yellow.
Inhabits *Cayenne*. *Reduvius 4-spinosus. Fabricius. n. 48.*
Head with a small spine each side before the eyes: *abdomen* sub-ferrate black.

- cutatus.* Black ; upper-wings tipt with white, under-ones with a white dot in the middle : scutel recurved and spinous at the tip,
Inhabits *Cayenne*. *Reduvius scutellaris*. *Fabricius*.
Abdomen black with white marginal dots.
- Zonalis.* Head and thorax black : upper-wings yellowish with a black band, under-ones tipt with black.
Inhabits *Cayenne*. *Reduvius fasciatus*. *Fabricius*.
Head with 2 erect spines behind the antennæ : *abdomen* rufous : *tail* black : *fore-legs* yellow : *thighs* of the second pair black, hind-ones black the thighs with rufous ring.
- Mauritanicus.* Ferruginous : margin of the abdomen spotted with black : thorax subspinous before.
Inhabits *Mauritania* ; size of *C. annulatus*.
Antennæ rufous : *eyes* and *legs* black.
- Acantharis* Thorax spinous : abdomen ciliate with spines:
Inhabits *Jamaica*. *Brown's Jamaica. tab. 44. fig. 11.*
Thorax with 2 spines before and 4 behind : *thighs* annulate with white.
- Fornicatus* Thorax elevated vaulted, pale with 3 brown spots.
Inhabits *Cayenne* ; middle-sized.
Head brown : *snout* pale : *abdomen* black : *legs* yellowish.
- Guttula.* Glossy-black ; upper-wings and legs sanguineous : under-wings with a white dot.
Inhabits *Germany* ; middle-sized.
Legs rufous : *fore-thighs* thick 1-toothed.
- Elongatus.* Long, rufous : antennæ and legs black.
Inhabits *Africa*. *Snout* black at the tip.
- Minutissimus.* Black ; tip of the scutel and base of the upper-wings white.
Inhabits *Paris*. *Reduvius minutus*. *Fabricius. n. 56.*
Antennæ reddish at the base : *under-wings* striate : *body* black : *shanks* pale.
- Membranaceus.* Black : tip of the abdomen and 2 ovate membranes rufous.
Inhabits out of *Europe*. *Mus. Lesh. p. 124. n. 202.*

Superbus. Black ; abdomen rufous, black at the base : upper-wings with a scarlet spot in the middle: fore thighs and shanks rufous.

Inhabits out of Europe. *Muc. Lesk. p. 124. n. 203.*

Dimidiatus Grey: abdomen half as long again as the upper-wings, black on the back, the margin elevated and varied with rufous and brown.

Inhabits Europe. *Mus. Lesk. p. 124. n. 207.*

maculatus Black ; upper-wings abbreviated : margin of the abdomen elevated with 5 white inversely conic spots : legs grey annulate with brown.

Inhabits Europe: *Mus. Lesk. p. 124. n. 208.*

Staphylinus Apterous, black : abbreviated upper-wings and legs red : 4-fore-thighs compressed.

Inhabits Europe. *Mus. Lesk. p. 125. n. 209.*

66. MACROCEPHALUS. *Snout* inflected; the sheath 1-valved, 3-jointed, and furnished with 3 bristles: *jaws, feelers* and *lip* 0: *antennæ* projecting; very short, submoniliform, clavate: *head* oblong, cylindrical above: *scutel* as long as the abdomen, depressed, membranaceous.

Cimicoides. M.

Aët. Stock. 8. 1787. 3. tab. 8. fig. 1.

Inhabits North America ; less than *Cimex erosus*.

Body grey-ferruginous: *scutel* pale ash with a yellow rigid spot: *under-wings* purplish-violet: *fore-shanks* thickened.

67. APHIS. *Snout* inflected ; sheath of 5 joints with a single bristle: *antennæ* setaceous, longer than the thorax; *wings* 4, erect, or 0: *legs* formed for walking: *abdomen* with 2 obtuse erect horns behind, and often a small style at the tail.

Plant-louse.

The minute animals which compose this singular genus, infest various plants, generally in large societies, hindering their growth and consuming their juices : they are sometimes winged and sometimes apterous, without any distinction of sex : in the spring they are viviparous, producing the young alive ; in the autumn they are oviparous ; and by a surprising aberration from the common laws of nature, it appears that one impregnation of the female is sufficient for many successive generations, without the farther assistance of the male.

- gastrostris*. Cinereous ; snout thrice as long as the body.
Inhabits *Dresden* under the bark of trees, and preys on the larva of ants : middle-sized.
- chneidis*. On the stalks of the *Lichnis dioeca*.
Body black : margin of the *abdomen* plaited : legs paler : joints black.
- caprea*. On the *Salix caprea*.
Small ; green, paler at the sides : eyes, *antennæ* and tips of the legs black : *abdomen* pointed.
- ambuci*. On the branches of the *Sambucus niger*.
Large, black, the margin each side with 3 white streaks : base of the *abdomen* with a small dot each side and a single one near the tail.
- solidaginis*. On the stalks of the *Solidago virga-aurea*.
Body brown : front emarginate : horns setaceous twice as long as the style : legs pale, the joints black : the young are testaceous.
- cerasif.* On the leaves of the *Prunus cerasus*.
Glossy-black : middle of the *antennæ* and *shanks* pale.
- ribis*. On the distorted leaves of the *Ribes ruber*.
Reaum. Inf. 3. tab. 22. fig. 7. 10. *Frish.* 11. tab. 14.
Body glabrous green : eyes black : *antennæ* as long as the body and legs brown : tail obtuse.
- arundinis*. On the leaves of the *Arundo epigejos*.
Body green : head and *thorax* brown covered with white down : *antennæ* and legs piceous : *abdomen* unarmed.

- * *Bursana*. In the ovate follicles of the *Populus nigra*.
Reaum. Inf. 3. tab. 26. fig. 7—11. Seb. Mus. t. 38. fig. 8.
 Body dull brown, gibbous at the sides and subpellucid : antennæ short.
- Aparnies*. On the stalks of the *Galium aparine*.
 Body black opaque : base of the antennæ and shanks pale : thorax with 3 deep transverse imbricate ridges : margin of the abdomen punctured : tail armed with a style.
- * *Aceris*. On the leaves of the *Acer campestris*.
Reaum. Inf. 3: tab. 22. fig. 6—10.
 Body brown : antennæ and shanks pale : thorax cylindrical, narrower than the abdomen, carinate and thick at the sides : abdomen carinate, the sides plaited : tail obtuse.
- * *Rumicis* On the *Rumex acutus*.
 Body black opaque : antennæ and shanks pale : margin of the abdomen elevated and plaited : tail armed with a short style.
- * *Pastinacæ* On the *Pastinaca sativa*.
- * *Pruni*. On the leaves of the *Prunus domestica*.
Degeer. Inf. 3. tab. 2. fig. 1—8.
 Body greenish : antennæ and legs the same colour : margin of the abdomen plaited, a darker line down the middle and dot each side at the base : tail pointed, the horns filiform.
- Achilleæ*. On the *Achillea millefolium*.
 Yellowish ; antennæ and legs whitish : abdomen green : wings tail style and horns whitish.
- * *Cardui*. On the stems of the *Carduus acanthoides*.
 Body black-bronzed : antennæ and base of the legs pale : margin of the abdomen with punctured plaits : tail armed with a style.
- Millefolii*. Brown ; abdomen greenish : antennæ legs and horns black.
 On the *Achillea millefolium*. *Degeer. 3. tab. 4. fig. 1—5.*
 Abdomen green, the sides slightly barred with white : wings compressed, darker.
- * *Nymphææ* On various aquatic plants.

Corni.

- orni.* On the leaves of the *Cornus sanguinea*.
Body black, beneath greenish : base of the *abdomen* greenish : *legs* black : *tail* without horns or style : the *young-ones* are pale with a large black dorsal spot.
- Abinthii.* On the *Artemisia absinthium*.
 Black ; *back* greyish with a large brown spot : *style* erect.
- Euonymi.* On the leaves of the *Euonymus europæus*.
Body black : *abdomen* brown, the margin elevated punctured : *style* as long as the horns : *wings* hyaline with a brown marginal spot : *legs* pale, the joints black.
- Avenæ.* Green ; horns of the tail and joints of the legs black.
 On the ears of Wheat, Barley and Oats.
Head and first joint of the *antennæ* yellowish : *eyes* black : *tail* armed with a style : *legs* livid, the joints and *tarsi* black.
- Fraxini.* On the branches of the *Fraxinus excelsior*.
Head and *thorax* black : *abdomen* green, the edges of the segments black : *antennæ* and *legs* variegated.
- Fagi.* On the *Fagus sylvaticus*.
Reaum. Inf. 3. tab. 22. fig. 1.
- Betulæ.* On the leaves of the *Betula alba*.
Reaum. Inf. 3. tab. 22. fig. 2.
Head and *thorax* black : *abdomen* green tipped with brown : *legs* black : *shanks* pale : *horns* short green : *wings* with 3 black bands, the rib greenish.
- Alni.* On the leaves of the *Betula alni*.
Degeer. Inf. 3. tab 7. fig. 1—7.
Body yellowish-white tuberculate.
- Populi.* In the rolled leaves of the *Populus tremula*.
Degeer. Inf. 3. tab. 7. fig. 1—7.
Head and *thorax* black : *abdomen* greenish without horns : *wings* white, the outer margin black : the *young* are greenish.

- Viburni.* On the leaves and stems of the *Viburnum opulus*.
Body black, opaque : base of the *antennae* and *shanks* pale : *thorax* plaited : *tail* armed with a short style.
- * *Mali.* Under the leaves of the *Pyrus malus*.
Degeer, Inf. 3. tab. 3. fig. 29.
Body green : *antennæ* and *legs* brown : *tail* armed with a black style : *horns* black.
- * *Rosæ.* On the peduncles of the Rose.
Degeer, Inf. 3. tab. 3. fig. 10.
Body green : tip of the *antennæ* and *horns* black : *tail* pointed, without style.
- * *Atriplicis.* On the tips of the *Atriplex hortensis*.
Body glossy-black : *shanks* pale : *thorax* nearly obtuse : *abdomen* plaited at the sides : *tail* obtuse.
- Picridis.* On the stalks of the *Picris hieracioides*.
Black : *abdomen* piceous : *thorax* ovate with 2 grooves : *tail* armed with a greenish style : *legs* black : *thighs* greenish at the base.
- Ægopodii.* On the leaves of the *Ægopodium podagraria*.
Black ; *abdomen* ; *snout* and *legs* pale.
- * *Dauci.* On the umbel of the *Daucus carota*.
Antennæ black pale at the base : *head* and *thorax* brown : *abdomen* green with a black blotch at the tail : *legs* black.
- * *Urticæ.* On the stalk and leaves of the *Urtica dioeca*.
Body black : *abdomen* brassy : *tail* armed with a truncate style : *wings* white with parallel black veins, the rib brown : *legs* black.
- * *Tanaceti.* On the stems of the *Tanacetum vulgare*.
Antennæ black : *thorax* with 2 paler black streaks : *abdomen* black edged with ferruginous : *horns* black : *tail* armed with a style.
- * *Ulni.* On the leaves of the *Ulmus campestris*.
Degeer, Inf. 3. tab. 5. fig. 7—18.
Body ferruginous covered with white down : *horns* obsolete.

* *Papaveris.*

- Papaveris.* On the *Papaver fominiferum*.
 Head black antennæ pale : body black, the style and horns pale : legs black or pale with black joints : wings pale with a brown rib.
- Tiliae.* On the *Tilia europæa*.
Degeer. Inf. 3. tab. 5. fig. 1—5.
 Greenish : antennæ and legs variegated with white and black : thorax with a black, lateral line each side : abdomen obtuse with 4 lines of black dots.
- Juniperi.* On the leaves of the *Juniperus communis*.
Degeer. Inf. 3. tab. 4. fig. 7. 8.
 Body variegated : horns short thick truncate.
- Brassicæ.* On the leaves of the *Brassica oleracea*.
Frisch Inf. tab. 3. fig. 15.
 Body green covered with white mealy down.
- Roboris.* On the *Quercus Robur*.
 Body subglobular black : antennæ livid tipped with black : thighs rufous : in the middle of the abdomen are very short horns.
- Quercus.* On the *Quercus Robur*.
Reaum. Inf. 3. tab. 28. fig. 5—14.
 Body large black : base of the antennæ and joints of the legs ferruginous : snout very long.
- Pini.* On the branches of the *Pinus sylvestris*.
Degeer. Inf. 3. tab. 6. fig. 9—16.
- Pineti.* On the leaves of the *Pinus sylvestris*.
Degeer. Inf. 3. tab. 6. fig. 19—16.
 Body black covered with white meal : hind-legs long ciliate.
- Ligustici.* Black ; base of the antennæ and shanks pale.
 Inhabits Norway, on the *Ligusticum scoticum*.
 Body large black, the sides thickened and punctured : antennæ as long as the body, the first joint thicker.
- Salicis.* On various species of *Salix* or Willow.
Reaum. Inf. 3. tab. 22. fig. 2.
 Body large black : abdomen dotted with white with 4 larger dorsal ones, the lateral ones transverse and linear : horns fulvous.

- Pistachiæ.* On the leaves of the *Pistachia Lentiscus*, rolled up in a large protuberant flesh-colour follicle, tapering at each side.
Body large yellowish : eyes black : abdomen unarmed.
- * *Acetosa.* On the *Rumex acetosa*.
Body small, entirely black with a green band.
- * *Padi.* On the *Prunus Padus*.
Reaum. Inf. 3. tab, 23. fig. 9. 10.
- * *Viciæ.* On the leaves of the *Vicia Cracca*.
Degeer. Inf. 3. tab. 2. fig. 14. 15.
- * *Lactucæ.* On the *Lactuca oleracea*.
Reaum. Inf. 3. tab. 22. fig. 3. 4. 5.
- * *Sonchi.* On the *Sonchus oleraceus*.
Reaum. Inf. 3. tab. 22. fig. 3—5.
Body large black : tail armed with a style.
- * *Vitis.* On the *Vitis vinifera*.
 This destructive Insect eats through the peduncles, or stems which support the clusters of grapes, in their very early stage, causing them to wither and drop off soon after the fruit is formed.
Body greenish : back of the abdomen brown, and a brown dot between the antennæ.
- Cirsii.* On the *Serratula arvensis*.
Fn. Suec. 987.
- * *Jaceæ.* On the *Centaurea jacea*.
Body black : wings white : tail brown.
- Perficæ.* On the *Amygdalus Perfica*.
Sulz. Hist. Inf. p. 105. tab. 11. fig. 3.
Body green : head, thorax and shanks black : wings very long : antennæ longer than the body : snout short.
- Polyanthis.* On the *Polyanthes tuberosa*.
Sulz. Hist. Inf. p. 105. tab. 11. fig. 4. 5.
Body brown, globular, generally winged : back grey.
- Srligna.* Grey-brown : snout very long : antennæ short : horns o.
 On the *Salix.* *Sulz. Hist. Inf. tab. 11. fig. 6.*

- Plantaginis* On the stems of various species of *Plantago*.
Bonnet. Insectol. 1. p. 56.
- Archangelicae* On the *Angelica archangelica*.
Scopol. Carn. p. 137, n. 400.
 Body black: snout and abdomen greenish.
- Leucanthemi* On the *Chrysanthemum leucanthemum*.
Scopol. n. 404.
 Black; abdomen and snout greenish, the latter tip with brown.
- Scabiosae* On various species of *Scabiosa*.
Scopol. n. 405.
- Fabae* On the *Vicia faba*, which it renders steril.
- Genistae* On the *Genista tinctoria*.
 Body black: wings with a brown dot.
- Coryli* On the lower surface of the leaves of the *Corylus avellanae*.
- Juglandis* On the *Juglans regia*.
Frish. Inf. 11. p. 12. n. 10. tab. 16.
 Body yellow-green: antennæ short: abdomen of 5 black segments.
- Balsamitae* On the *Tanacetum balsamita*.
 Body black: abdomen green: eyes red.
- Gallarum* In galls on the leaves of the *Ulmus sylvestris*.
Ream. Inf. 3. tab. 25. fig. 4—7. *Geoffr. Inf.* 1. tab. 10. fig. 3.
 Body blackish: abdomen without horns.
- Farinosa* On the *Salix farinosa*.
 Body obscure green with white mealy tubercles.
- Xylostei* On the *Lonicera xylosteum*.
Degeer Inf. 3. p. 96. n. 16. tab. 7. fig. 8.
 Body downy: abdomen unarmed.
- Mayeri* Red; antennæ shorter than the thorax: abdomen tapering: shanks shorter.
Mayer. Act. Bohem. 4. p. 183.
 On the leaves of the *Tanacetum vulgare*. Apterous.

68. CHERMES. *Snout* placed in the breast, with 3 inflected bristles: *antennæ* filiform, pubescent longer than the thorax: *wings* 4, deflected: *thorax* gibbous: *hind-legs* formed for leaping.

These inhabit various trees and plants and produce, by their punctures, protuberances and excrescences of various shapes and sizes, in which are frequently enclosed the eggs and insects in their several states: the *larva* is 6-footed and apterous: the *pupa* is distinguished by 2 protuberances on the thorax, which are the rudiments of future wings.

- * *Graminis*. On Grasses, particularly the *Aira flexuosa*.
- * *Ulm*i. In the curled leaves of the *Ulmus campestris*.
- * *Pyri*. On the leaves of the *Pyrus communis*.
Degeer. Inf. 3. tab. 9. fig. 2.
Body small variegated.
- Cerastii*. In the crisped leaves of the *Cerastium viscosum*.
- * *Buxi*. *Antennæ* setaceous: wings yellowish-brown.
Reaum. Inf. 3. tab. 19. fig. 1—4.
 Its punctures make the leaves bend in towards each other at their extremity, forming a hollow knob in which the *larvæ* are inclosed.
- * *Fagi*. In the leaves of the *Fagus sylvaticus*.
Ream. Inf. 2. tab. 26. fig. 1—6.
- * *Sorbi*. On the *Sorbus aucuparia*.
Body variegated with black and green.
- Perficæ*. On the branches of the *Amygdalus perfica*.
Reaum. Inf. 4. tab. 1. fig. 1, 2.
Body oblong, ferruginous.
- * *Calthæ*. In the flowers of the *Caltha palustris*.
Antennæ tipped with black: *thorax* rufous with 3 black curves:
wings white with yellowish veins and a brown dot.

* *Urticæ*.

- Urticae.* On the leaves of the *Urtica dioica*.
Degeer. Inf. 3. tab. 9. fig. 17—19.
Body brown: antennæ black white at the base: blotch on the abdomen and legs white.
- Betulae.* On the branches of the *Betula alba*.
Head and breast pale: antennæ fetaceous: abdomen reddish with black lines, 5 on the back and 3 beneath.
- Alni.* On the branches of the *Betula alni*.
Deger. Inf. 3. tab. 10. fig. 8. Schæff. Elem. tab. 39.
Antennæ varied with white and black: snout white tip with black: body whitish: wings white with brown veins.
- Abietis.* On the branches of the *Pinus abies*.
Degeer. Inf. 3. tab. 8. fig. 1, 3. Frish. tab. 2. fig. 3.
Forms an enormous scaly protuberance at the end of the branches by its puncture.
- Salicis.* On various species of *Salix*.
Body white: back of the abdomen with obsolete brown spots: antennæ white at the base and tip with black.
- Fraxini.* On the *Fraxinus excelsior*.
- Aceris.* On the branches of the *Acer platanoides*.
Body yellowish, beneath green: tail subulate brownish.
- Ficus.* On the *Ficus carica*.
Reaum. Inf. 3. tab. 29. fig. 17—24.
Body brown: antennæ thick hairy: wings with brown nerves.
- Lichenis.* Brown dotted with black: antennæ longer than the body: wings nervous with brown spots.
 On various species of *Lichen*.
- Castanea.* Brown; antennæ fetaceous, smooth: wings nervous.
 On various plants. *Geoffr. Ins. par. 489. 8.*
- Rubra.* Body red: wings nervous.
 On various plants. *Geoffr. Ins. par. 1. p. 489. n. 9.*
- Pruni.* On the *Prunus domestica*.
Abdomen red with brown dots and lateral bands.

Crataegi. On the *Cratægus oxyacantha*.

Larva plumbeous green with a fold down the middle of the abdomen.

Euonymi. On the *Euonymus europæus*.

Body black: *legs* pale.

Senecionis. On the *Senecio vulgaris*.

Body greenish-yellow: last joint of the *antennæ* thicker, 2 of them terminating in hairs.

69. COCCUS. *Snout* seated in the breast: *antennæ* filiform: *abdomen* bristly behind: *male* with 2 erect wings, but without poisers: *female* apterous. *Cochineal*.

These are extremely fertile and extremely troublesome in hot-houses and green-houses: the *male* is very active, with an oblong body and ovate abdomen, the tail furnished with a style and 2 long bristles: the *female* has a body nearly globular, and is slow inactive and fixed to different parts of plants.

**Hesperidum.* On various ever-green green-house plants.
Reaum. Inf. 4. tab. 1. Schaeff. Elem. tab. 48.

Adonidum. On various ever-green trees of Asia.
Body purplish-black: *crown* tuberculate.

Capensis. Ovate, slightly downy, gibbous, operculate at the tip.
Inhabits the *Cape of good Hope*, on the *Gnaphalium muricatum*.

Adonidum. *Body* rufous, mealy, hairy: wings white.
On various trees in *Europe* and *America*.

**Quercus.* On the *Quercus robur*.
Reaum. Inf. 4. tab. 6. fig. 1—4.

Ilicis. On the *Quercus coccifera*.
Reaum. Inf. 4. tab. 5. Lederm. microsc. tab. 36.
Body glossy-brown with white down: when it is immersed in vinegar and dried it produces a colouring matter

Ficus.

- Ficus.* On the *Ficus religiosa* and *indica*.
Coccus Lacca. *Philos. Trans.* 1781. 374. fig. a. b.
Body red: *antennae* branched: *tail* 2-bristled.
 This is the Insect which produces the *Gum Lac*.
- Caricae.* On the *Ficus carica*.
Body ferruginous; the margin elevated and pale.
- Aceris.* On the *Acer* or *Maple* tree.
Body globular, dull rufous.
- Ulm.* On the *Ulmus campestris*.
Degeer Inf. 5. tab. 28. fig. 7.
Shield reddish, the margin villous whitish.
- Coryli.* On the *Corylus Avellana*.
Reaum. Inf. 4. tab. 3. fig. 4—10.
Body citron spotted with red.
- Betulae.* On the *Betula alba*: chestnut-brown.
- Carpini.* On the *Carpinus betulus*.
Body pale reddish with a raised streak at the sides.
- Tiliae.* On the *Tilia europæa*.
Reaum. Inf. 4. tab. 3. fig. 1—3.
- Rusc.* Shell surrounded with 8 smaller pieces:
 Inhabits *Italy*, on the *Myrtus* and *Ruscus*.
Shell truncate 8-sided, perforated, the smaller lateral pieces granulate in the middle.
- Myricae.* On the *Myrica quercifolia*.
 Inhabits the *Cape of good hope*; size of a small pea.
Body pale flesh-colour: *crown* with a small pore and another above the thicker cartilaginous membrane.
- Caprae.* On various species of *Salix*.
Degeer. Inf. 6. tab. 28. fig. 13.
Body ovate, testaceous.

Pilofellæ. On the roots of the Hieracium Pilofella.
Aët. Ups. 1742. 54. *tab.* 2.

Arbuti. On the roots of the Arbutus uva ursi.
 Body chefnut, producing a tincture.

* *Phalaridis* On the roots of grasses, particularly the Phalaris canariensis.
Geoffr. Inf. 1. 512. 2. *tab.* 10. *fig.* 5.
 Body whitish or pale pink, mealy.

Cratægi. On the Cratægus oxycantha.
Reaum. Inf. 4. *tab.* 6. *fig.* 11, 12.

* *Serratulæ* On the Serratula arvensis.
 Size of a pea. Shield brown, paler at the edge.

Vitis. On the branches of the Vitis vinifera;
Reaum. Inf. 4. *tab.* 6. *fig.* 5—7.
 Body oblong, cinnamon-colour.

Zosteræ. On the Zostera marina, in the Baltic.
 Body small round white flattish.

Polonicus. On the roots of the Scleranthus perennis.
Frisch. Inf. 5. p. 6. *tab.* 2. *Aët. Ups.* 1742. *tab.* 1.
 Body oblong-ovate, purple or chefnut; was formerly much used
 in dyeing.

Cacti. On the Cactus opuntia, or Prickly Pear tree.
Reaum. Inf. 4. *tab.* 7. *fig.* 11, 12. *Degeer.* 6. *tab.* 30. *fig.* 12—14.
 The female of this Insect is the true cochineal of the shops, so
 well known for its valuable uses in dyeing and painting:
 when ground and prepared it is sold under the name of
 Carmine.
 Body depressed downy transversely wrinkled: abdomen purplish:
 legs short black: antennæ subulate, a third part shorter than
 the body.

* *Cata-* Snowy; antennæ and legs ferruginous.
phractus. On Mosses. *Naturalist's Miscellany.* *tab.* 182.
 Body coated with a milk white armour, the divisions of the back
 8, the 3 upper of which are each furnished with a small scutel
 or appendage: sides surrounded with projecting lamina, about
 20 each side: eyes and snout ferruginous.

- Dubius.* Snowy, striate: antennæ and legs black.
Inhabits *Italy*. Body obtuse and nearly cylindrical.
- **Fragariae.* On the *Fragaria* and *Potentilla*.
Philos. Transact. 1765. p. 91. tab. 10.
Snout black: *thorax* with 3 ridges: *tail* surrounded by blackish hairs: is used by the common people in *Russia* for a scarlet dye.
- Hypericoris.* On the *Hypericum perforatum*.
Inhabits *Russia*. *Pall. It.* 1. p. 21.
- Liriodendri* On the *Liriodendrum tulipifera*.
Hamburg. Magaz. 12. p. 1—24.
- Farinosus.* Ovate, downy, pale brown with white meal.
Degeer. Inf. 6 tab. 38. fig. 16. 17.
On the *Betula alnus*. Body depressed.
- Clematidis.* On various species of *Clematis*.
Geoffr. Ins. par. 1. p. 506. n. 1. Body oblong.
- Perfica.* On the *Amygdalus Perfica*.
Reaum. Inf. 4. tab. 2. fig. 4. 5.
Body reddish, tawny or black.
- Abietis.* On the *Pinus Abies*; body bay.
Geoffr. Inf. par. 1. p. 507. n. 7.
- Fuscus.* On the *Quercus Robur*.
Body brown mealy.
Reaum. Inf. 4. tab. 5. fig. 2.
- Variegatus* Round: variegated with white yellowish and black.
On the *Quercus Robur*. *Reaum.* 4. tab. 5. fig. 3. a.
- Lanatus.* On the *Quercus Robur*: oblong, filky-white.
Geoffr. Inf. par. 1. p. 508. n. 14.
- Mespili.* On the *Mespilus*: body filky-white.
Geoffr. Inf. par. 1. p. 508. n. 16.
- Conchiformis.* On the *Ulmus*.
Reaum. Inf. 4. tab. 5—7. Body narrow brown.

Ovatus.

- Ovatus.* On the *Acer*. Body ovate.
Abdomen with longitudinal white or cinereous stripes.
- Laniger.* On the *Ulmus campestris*. Brown silky-white.
Reaum. Inf. 4. tab. 7. fig. 1. 2. 6. 9.
- Diosmatis.* On the *Diosma crenata* and *pulchella*.
 Inhabits the *Cape of good hope*. *Aët. Gothenb.* 1. p. 21. §. 11.
- Alni.* In the divisions of the branches of the *Betula alni*.
 Body reddish. *Aët. Gothenb.* 1. p. 23. §. 17.
- Uva.* Brown sphærico-gibbous ; under stones.
 Inhabits *Sweden*. *Aët. Gothenb.* 1. p. 32. §. 30.
- Spurius.* Ovate, with scattered hairs : chestnut, beneath pale yellow.
 On the *Ulmus*. *Aët. Gothenb.* 1. p. 43. §. 32.

70. THRIPS. *Snout* obsolete secreted within the mouth : *antennæ* filiform, as long as the thorax : *body* linear : *abdomen* bent upwards : *wings* 4, straight, incumbent, narrower than the body and slightly cruciate.

- * *Physapus* Upper-wings glaucous : body black.
Linnean Transact. Vol. iii. tab. 22. p. 251.
 Found frequently in composite flowers and in the spikes of Wheat and Rye, to which it is very destructive : *larva* yellow, 6-footed : *antennæ* and *head* black and white : *pupa* whitish with black eyes.
- * *Juniperi-na.* Upper-wings snowy : body brown.
Degeer. 3. tab. 1. fig. 5. *Geoffr.* 1. tab. 7. fig. 6.
 On the galls of the Juniper.
- * *Ulni.* Black ; wings livid ciliate ; tail pointed.
Degeer. 3. tab. 8. fig. 1—13. *Geoffr.* 1. tab. 7. fig. 6.
 In the bark of the *Ulmus campestris* ; gregarious.
- * *Urticæ.* Yellow ; upper-wings whitish.
Schranck Beytr. 31. tab. 1. fig. 25. 26.
 On the lower surface of the leaves of the *Urtica*, *Vitis* and other plants : solitary.

* *Fasciata.*

- Fasciata*. Upper-wings barred with white and black : body brown.
In Composite flowers. *Sulz Inf. tab. 7. fig. 48. b.*
- Minutissima*. Upper-wings and body glaucous : eyes brown.
On various flowers.
- Obscura*. Yellowish : upper-wings pale ; eyes and rings on the abdomen black.
Inhabits *Denmark*. *Mull. Zool. Dan. p. 96. n. 1084.*
- Variegata*. On the *Linaria*. Body variegated.
Gleichen, Neuestes, p. 22. tab. 21. fig. 6. 7.

END OF VOL II.

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ERRATA.

- Page. 8, l. 9. for *Cucindela* read *Cicindela*.
 26. Place an asterisk before *Subterraneus*.
 80. l. 5. from the bottom, read *Lycoperdon bovista*.
 87. l. 14. for *Micoographus* read *Micographus*.
 109. l. 26. for *squlida* read *squalida*.
 114. l. 18. for *plagum* read *planum*.
 117. l. 22. for *liriphora* read *liriophora*.
 120. l. 18. for 11-punctata read *punctata*.
 121. l. 24. for *testaceoos* read *testaceous*.
 127. l. 13. for 3-puncta read 3-punctata.
 l. 15. for *tricinctata* read *tricincta*.
 l. 22. for *trifascia* read *trifasciata*.
 l. 29. for 4-mocolata read 4-maculata.
 130. l. 7. for 14-puncta read 14-punctata.
 183. l. 11, for *umbeleate* read *umbellate*.
 188. l. 6, for *minims* read *minimus*.
 189. l. 25, for *griscus* read *griceus*.
 204. l. 13, for *inflected* read *inflated*.
 216. l. 15, for *quereicola* read *quercicola*.
 217. l. 8, from the bottom, for *pile-wool* read *pile-wort*.
 218. l. 16, place an asterisk before *venustus*.
 l. 21, for *plantaci* read *plantago*.
 l. 28, for *adshersus* read *adpersus*.
 last line but one, for *wood* read *woad*.
 220. l. 1. for *jempunctatatus* read *semipunctatus*.
 223. l. 18. for *nymphæa abba* read *nymphæa alba*.
 237. l. 1, for *esuricens* read *esuriens*.
 264. l. 4, for *fenetratus* read *fenestratus*.
 281. l. 19, for 2-pustalatus read 2-pustulatus.
 284. l. 10, from the bottom, for *frumertarius* read *frumentarius*.
 288. l. 22, for *minuts* read *minutus*.
 299. l. 1. for *pilosus* read *pilosus*.
 302. l. 13. for *Testor* read *Testator*.
 341. l. 1. for *tigrirus* read *tigrinus*.
 347. l. 7. for *pubesceus* read *pubescens*.
 373. l. 1. for *sanguineus* read *sanguinea*.
 l. 5. for *Marga* read *Margo*.
 l. 12. for *sanguinolentus* read *sanguinolenta*.
 375. l. 5. from the bottom, for *posterier* read *posterior*.
 400. l. 7. for *uliginosus* read *uliginosa*.
 418. l. 21, for *oabicular* read *orbicular*.
 423. l. 23. for *latiimus* read *latissimus*.
 427. l. 32. read *erythrocephalus*.
 483. l. 5. for *thoracius* read *thoracicus*.
 497. l. 26, for *maudibles* read *mandibles*.
 521. l. 24, for *thoracius* read *thoracicus*.
 558. l. 16, for *spuare* read *square*.
 568. l. 24, for *boat-shaed* read *boat-shaped* & for *kee* read *keel*.
 608. l. 4, from the bottom, for *nauseons* read *nauseous*.
 615. l. 2, from the bottom, read *cerintke*.

ERRATA.

Page 616, l. 16, for *annulus* read *annulus*.
617, l. 1, for *annnlatus* read *annulatus*.
631, l. 5, from the bottom, for *2-maclatus* read *2-maculatus*.
732, l. 1, for *Derilatus* read *Derilator*.
665, l. 9, from the bottom, for *sylvanufs* read *sylvanus*.

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